SONY

DIGITAL VIDEOCASSETTE RECORDER

DSR-85
DSR-85P

SDI INPUT/OUTPUT BOARD

DSBK-120
DSBK-120P

TIME CODE INPUT/OUTPUT BOARD

DSBK-130
DSBK-130P

SERVICE MANUAL

Vol. 2 (1st Edition/Revised 1)

DVCAM™

⚠警告

このマニュアルは，サービス専用です。
お客様が，このマニュアルに記載された設置や保守，点検，修理などを行うと感電や火災，人身事故につながることがあります。
危険をさけるため，サービストレーニングを受けた技術者のみご使用ください。

設置や保守，点検，修理などを行う前に，別冊のサービスマニュアルVolume 1の「安全のために」と別冊のサービスマニュアルに掲載してある取扱説明書の「安全のために」を必ずお読みください。

⚠WARNING

This manual is intended for qualified service personnel only.
To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

⚠WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.
Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

⚠AVERTISSEMENT

Ce manual est destiné uniquement aux personnes compétentes en charge de l'entretien. Afin de réduire les risques de décharge électrique, d'incendie ou de blessure n'effectuer que les réparations indiquées dans le mode d'emploi à moins d'être qualifié pour en effectuer d'autres. Pour toute réparation faire appel à une personne compétente uniquement.

このマニュアルについて

本書は、デジタルカセットレコーダ DSR-85/85P とそのオプション基板である SDI 入出力ボード DSBK-120/120P、タイムコード入出力ボード DSBK-130/130P のサービスマニュアル Vol. 2 です。本書では、ブロックダイヤグラム、マウント図、回路図、パーツリストを記載しています。

構　成

本書の構成を把握していただくために、全章の概略を以下に説明します。

第9章　BLOCK DIAGRAMS
各基板の機能や信号の流れを示すブロック図を掲載しています。

第10章　BOARD LAYOUTS
全プリント基板のパターンとシンボル図を掲載しています。

第11章　SCHEMATIC DIAGRAMS
全プリント基板の回路図を掲載しています。

第12章　SEMICONDUCTOR PIN ASSIGNMENTS
使用半導体の外形およびICについては概略の機能ブロックや、ピン名称を記載しています。

第13章　SPARE PARTS AND OPTIONAL FIXTURES
セットの全サービス部品を記載しています。

Introducing this manual

This manual is the Service Manual Vol. 2 of the digital videocassette recorder model DSR-85/85P and the option board SDI input/output board DSBK-120/120P, time code input/output board DSBK-130/130P. This manual contains block diagrams, board layouts, schematic diagrams and parts lists.

Contains

The sections covered in the manual are summarized below to give you a general understanding of the manual.

Section 9　BLOCK DIAGRAMS

Section 10　BOARD LAYOUTS
Shows the board layouts of all circuit boards.

Section 11　SCHEMATIC DIAGRAMS
Shows the schematic diagrams of all circuit board.

Section 12　SEMICONDUCTOR PIN ASSIGNMENTS
Shows the external dimensions of the semiconductors used, and describes outllines of the function blocks and pin names of the ICs.

Section 13　SPARE PARTS AND OPTIONAL FIXTURES
Describes the all service parts of the unit.

関連マニュアル

本機には、この「サービスマニュアル Vol. 2」の他に、下記のマニュアルが用意されています。

・**取扱説明書（本機に付属しています）**
部品番号：3-858-309-04
本機を実際に運用および操作するのに必要な情報を記載しています。

・**サービスマニュアル vol.1（本機に付属していません）**
部品番号：9-977-672-12
本機の保守に関する情報と、部品交換および調整などのサービスに関する情報を記載しています。

Related manuals

In addition to this Service Manual Vol. 2, the following manuals are provided.

• **Operating Instrucions (Supplied with equipment)**
Parts number : 3-858-309-14 (English)
3-858-309-24 (French)
3-858-309-34 (German)
3-858-309-44 (Italian)
Explains how to operate this equipment.

• **Service Manual Vol. 1 (Not supplied with equipment)**
Parts number : 9-977-673-12
Contains the maintenance information and servicing information necessary for parts replacement and adjustment.

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6. 機構部品交換要項
7. テープ走行調整
8. 電気調整要項

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5. PERIODIC MAINTENANCE AND INSPECTION
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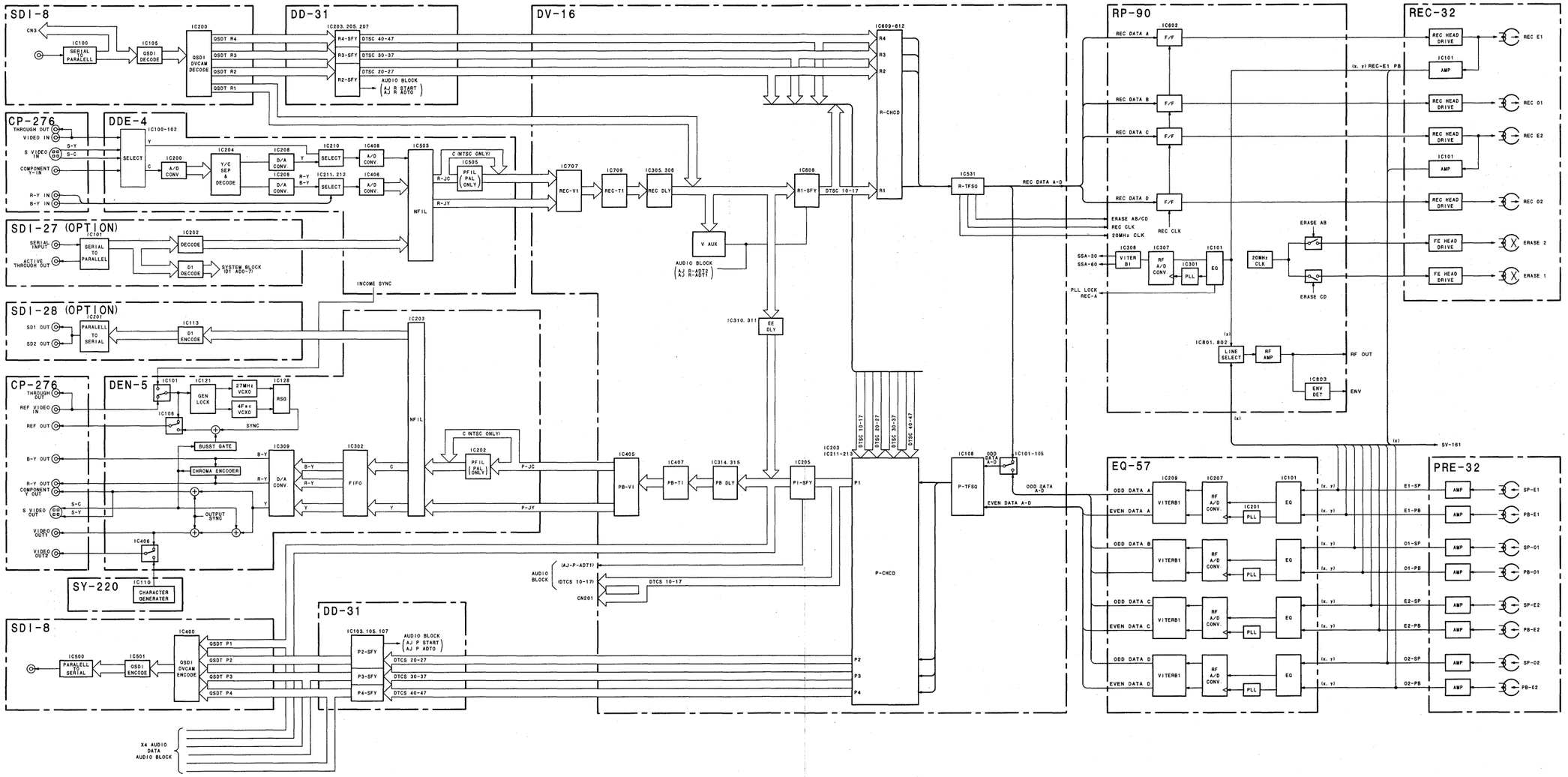
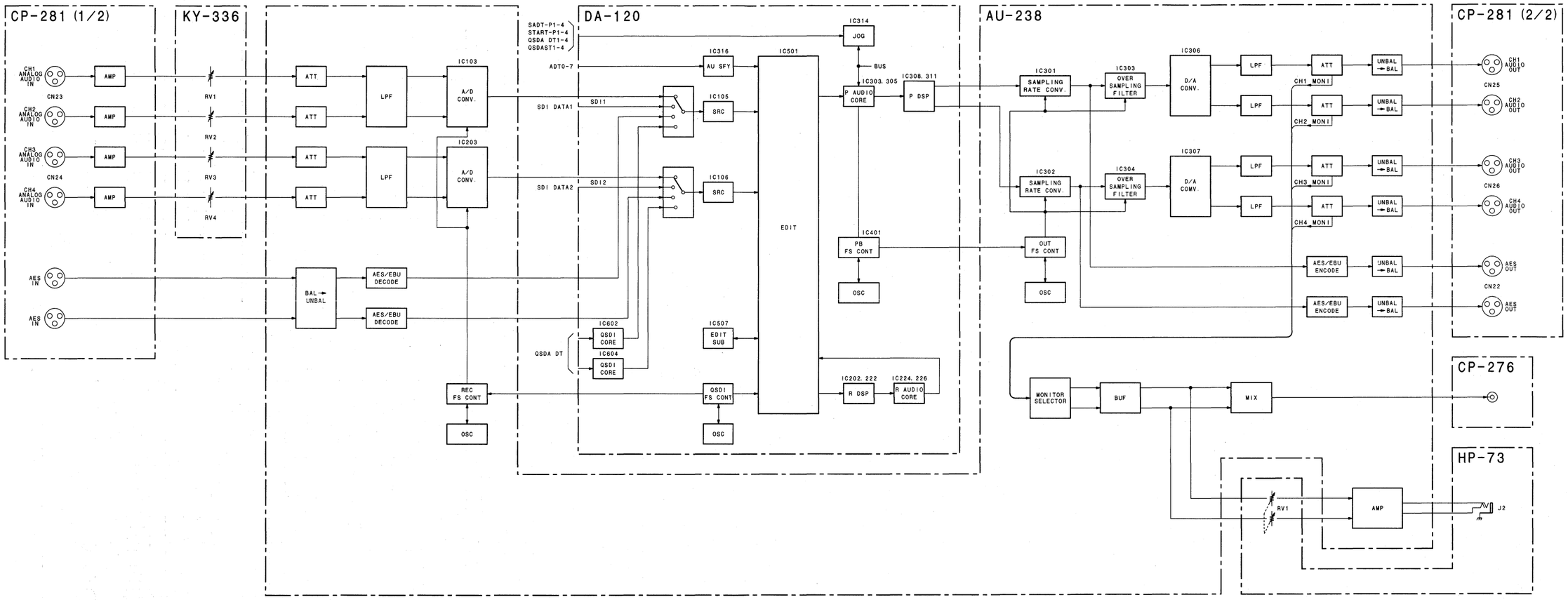


OVERALL BLOCK (1/3)
MODEL DSR-85/85P

OVERALL BLOCK (2/3)



OVERALL BLOCK (2/3)
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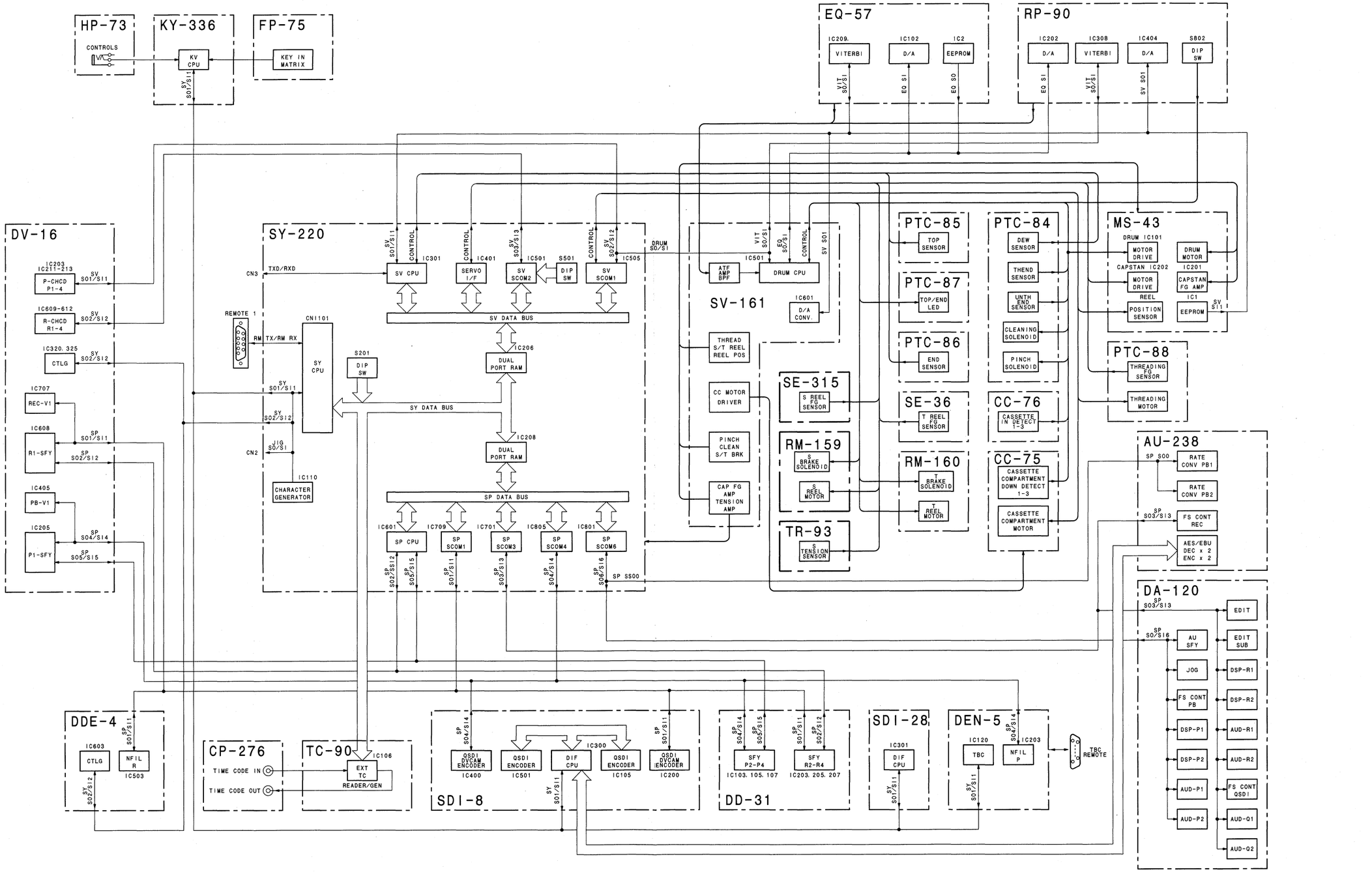
OVERALL BLOCK (3/3)

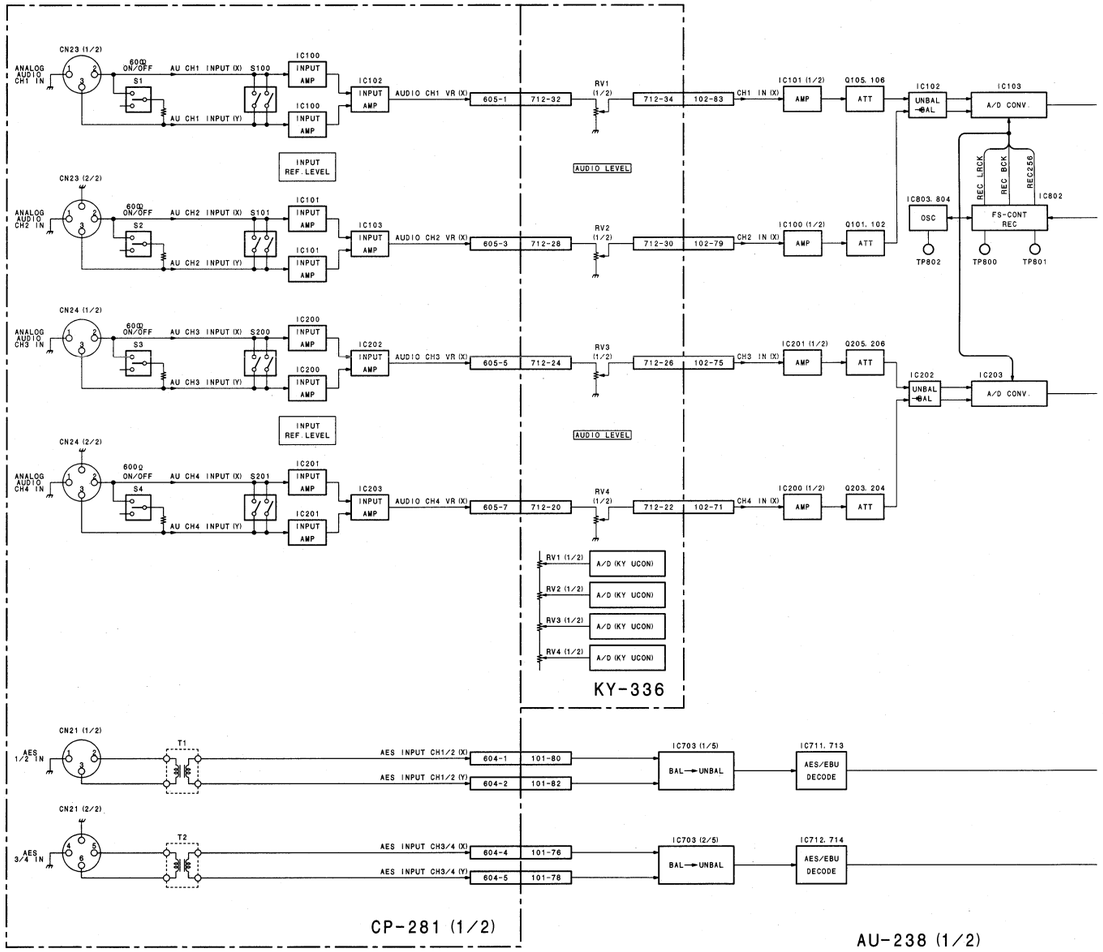


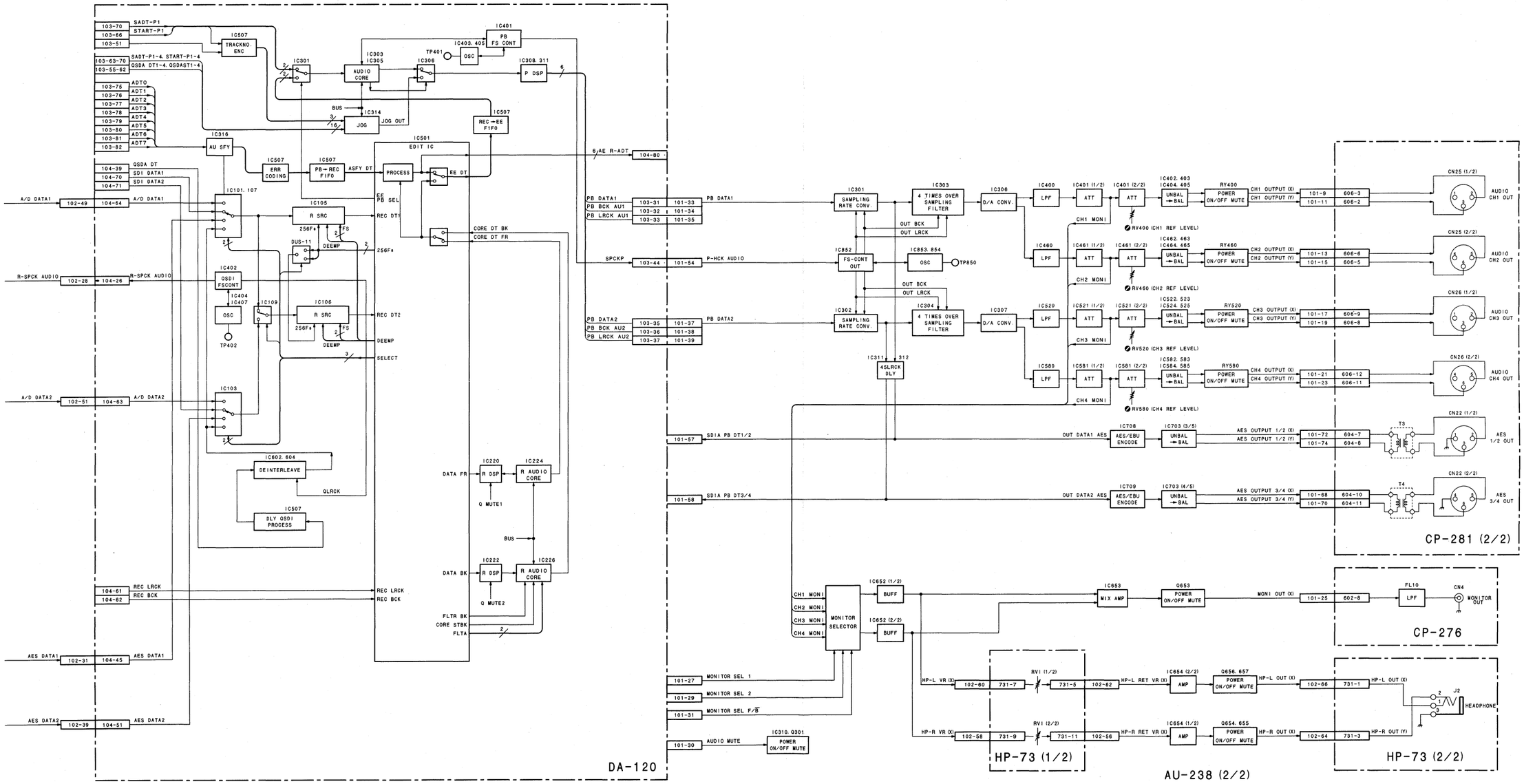
OVERALL BLOCK (3/3)
MODEL DSR-85/85P

AUDIO

AU-238 : AUDIO PROCESS

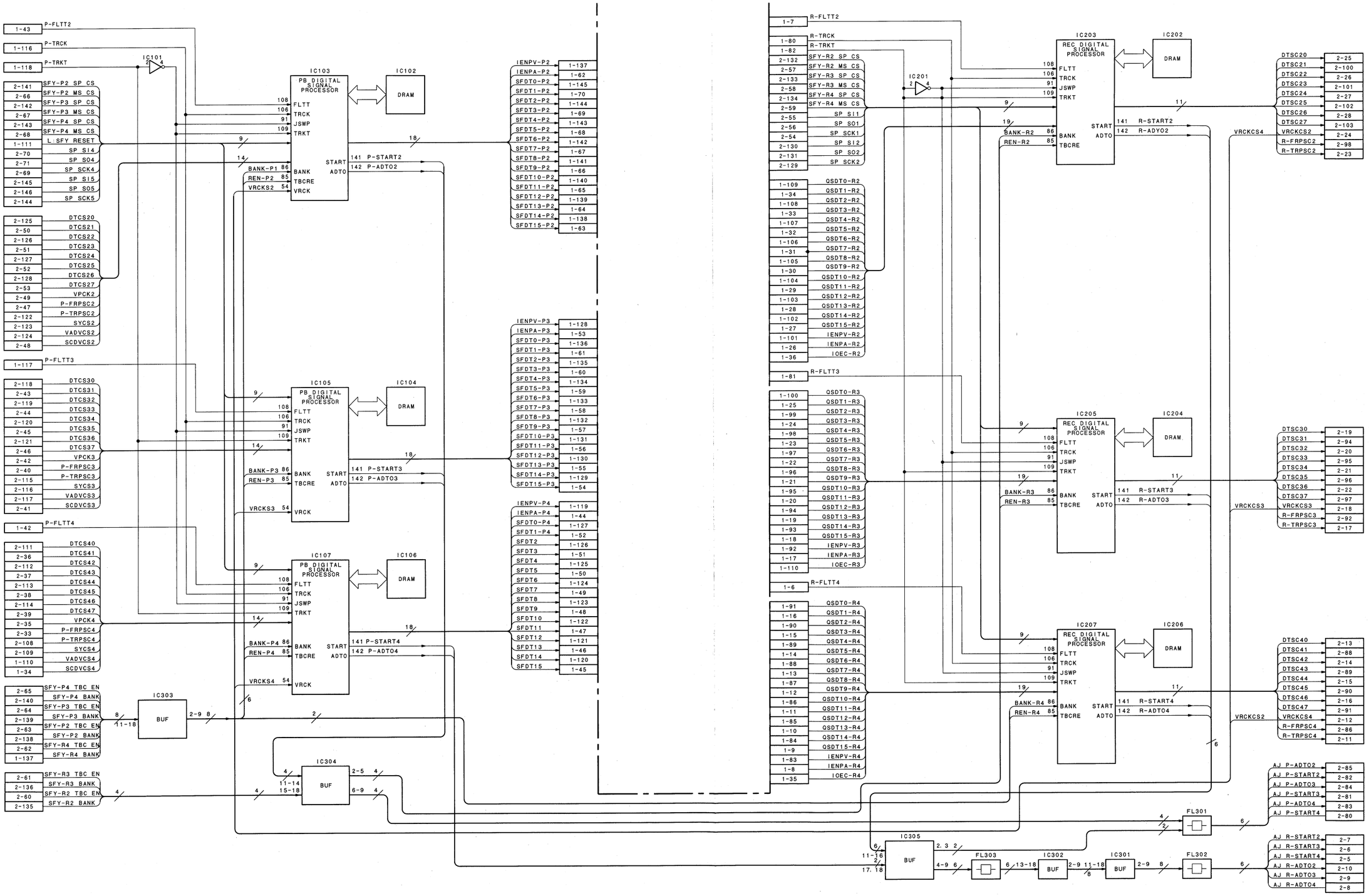
DA-120 : DIGITAL AUDIO PROCESS





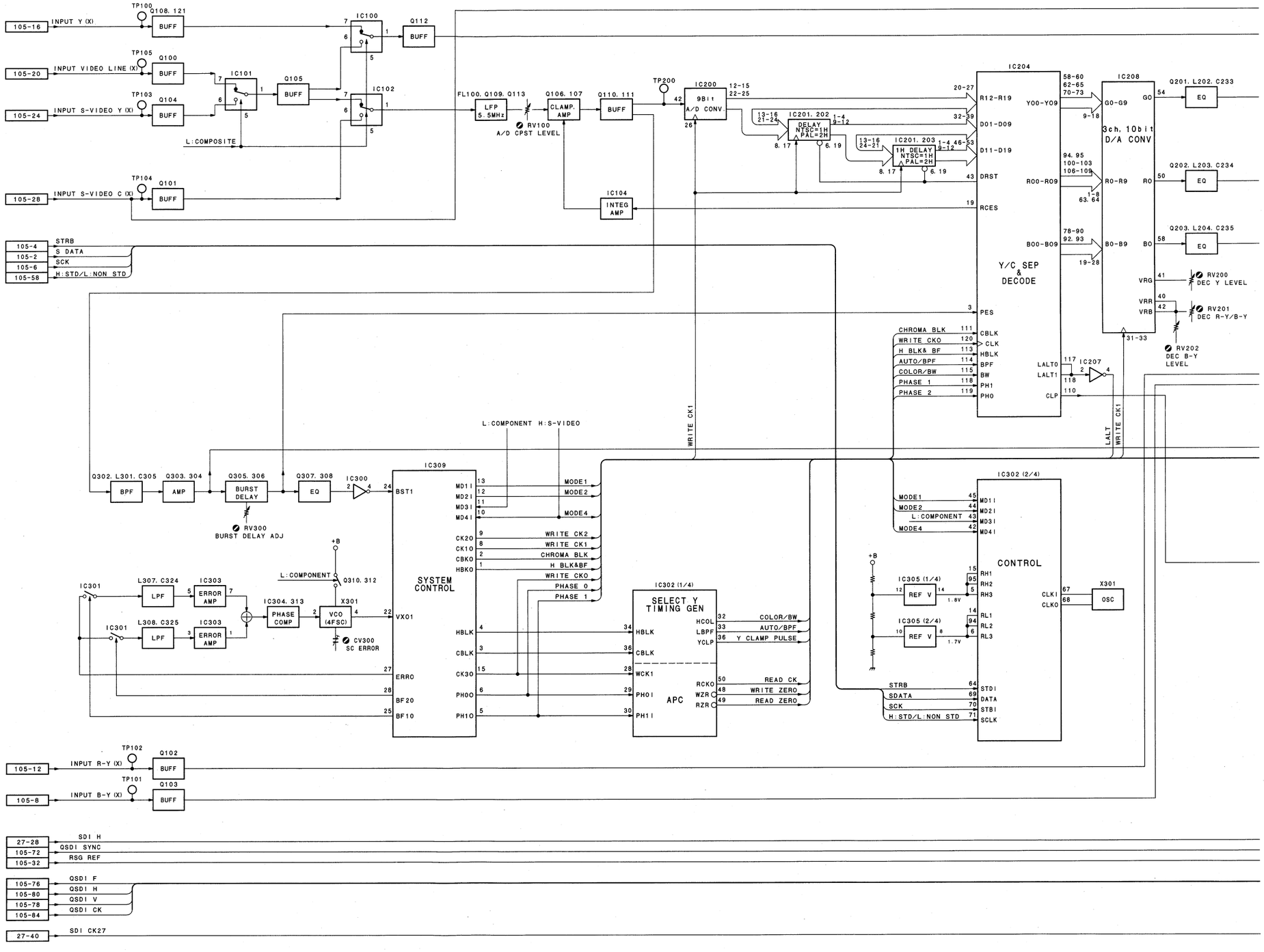
AUDIO
MODEL DSR-85/85P

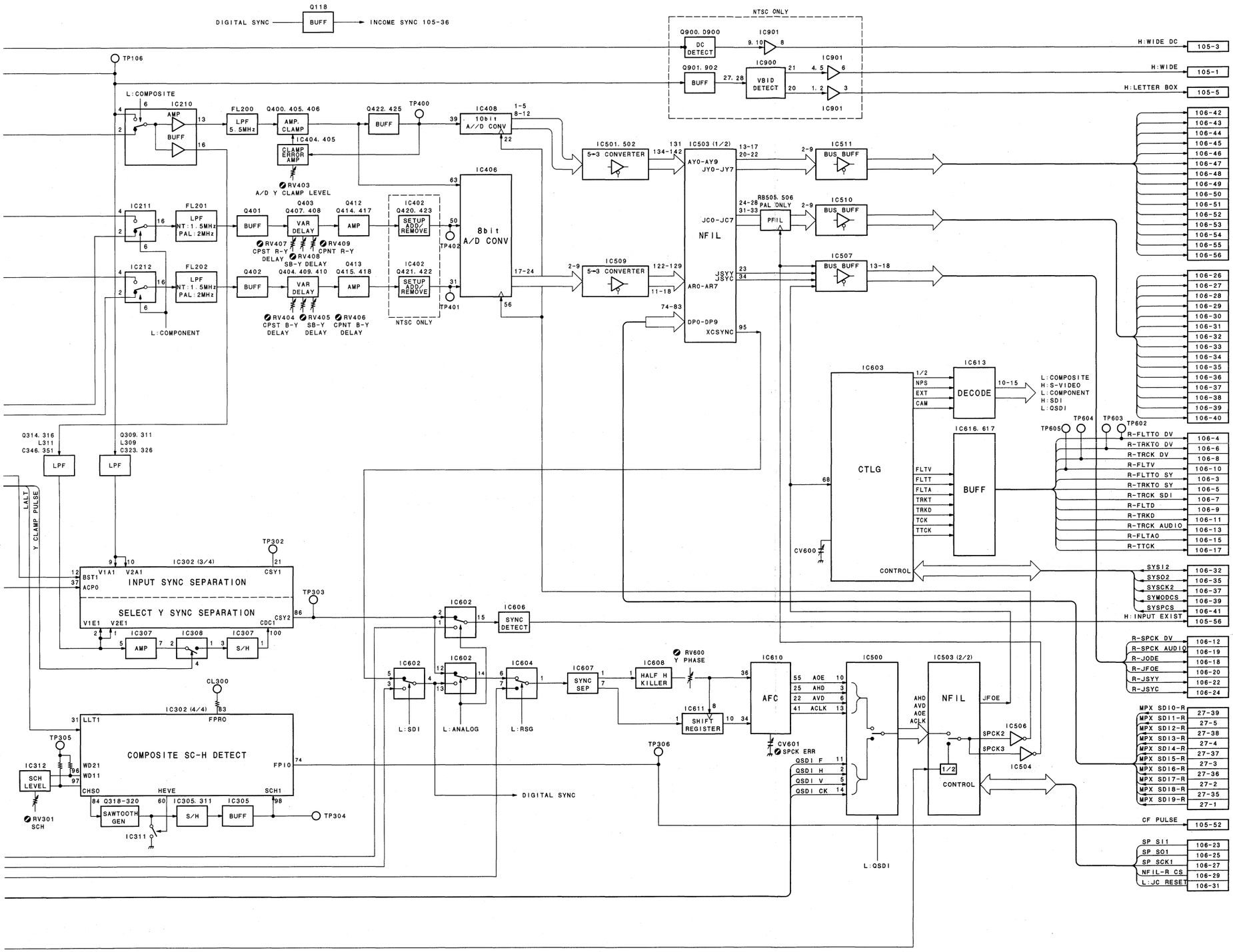
DD-31 : DATA PROCESS



DD-31
MODEL DSR-85/85P

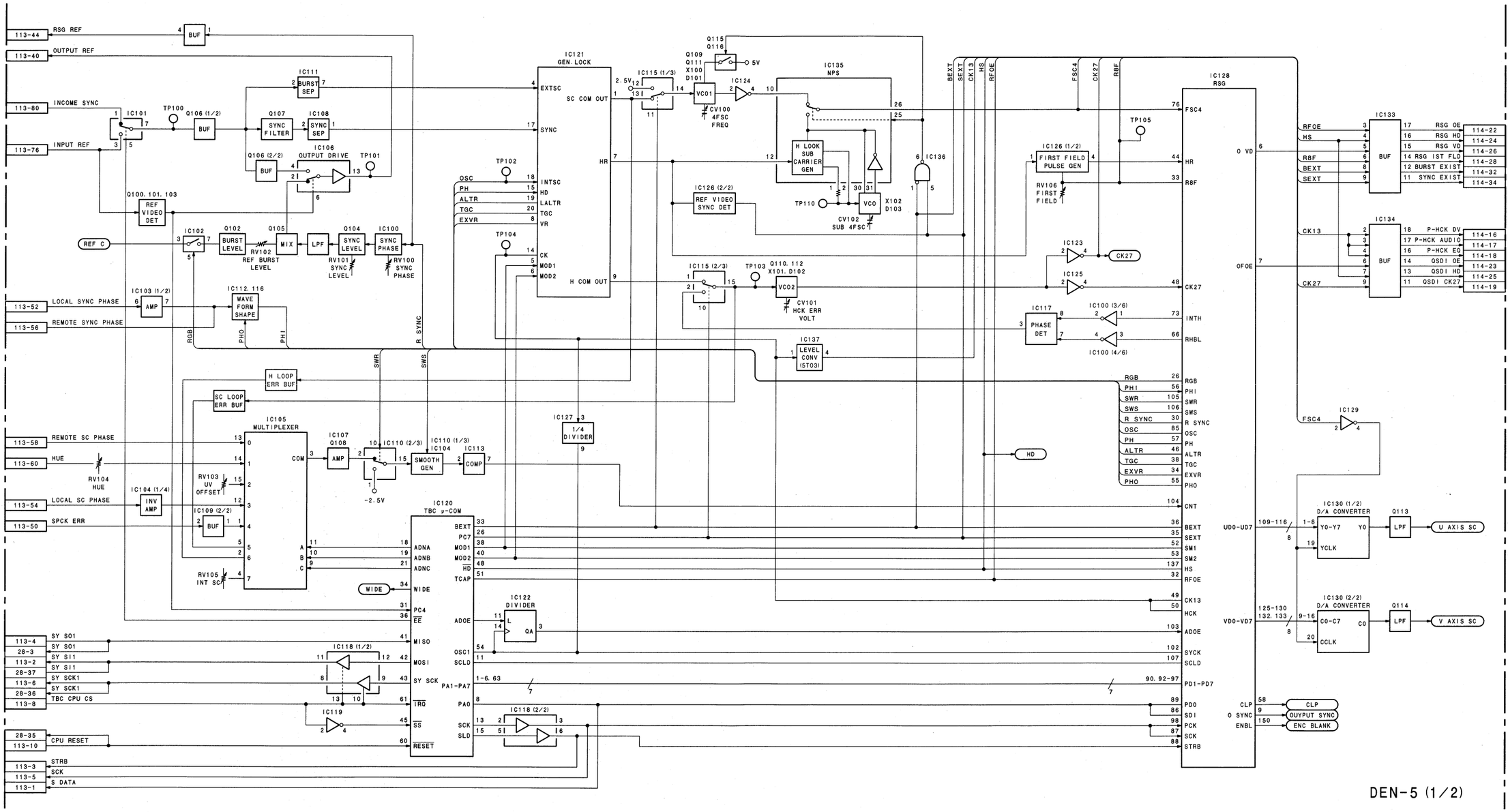
DDE-4/4P : VIDEO INPUT PROCESS





DDE-4/4P
MODEL DSR-85/85P

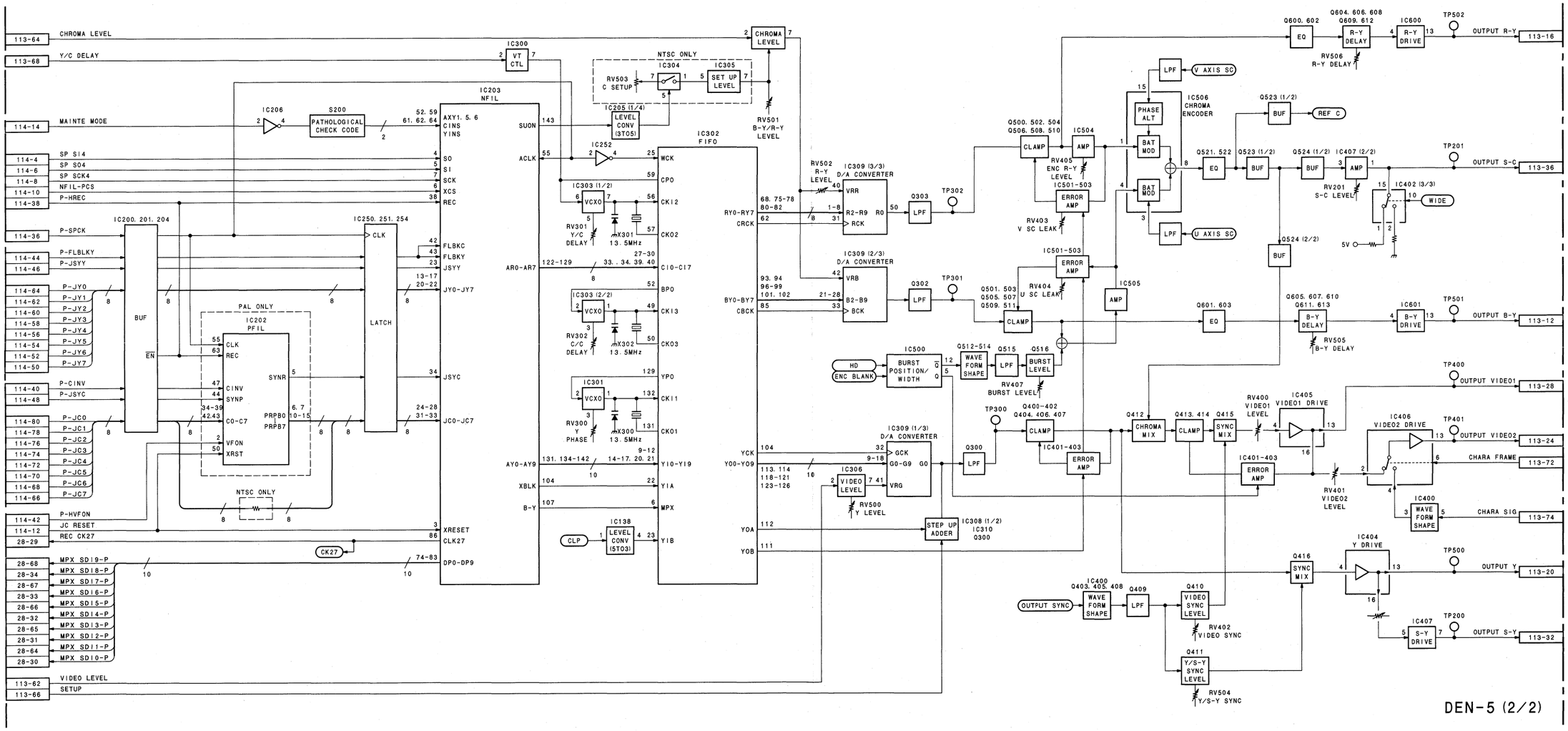
DEN-5/5P (1/2) : VIDEO OUTPUT PROCESS



DEN-5 (1/2)

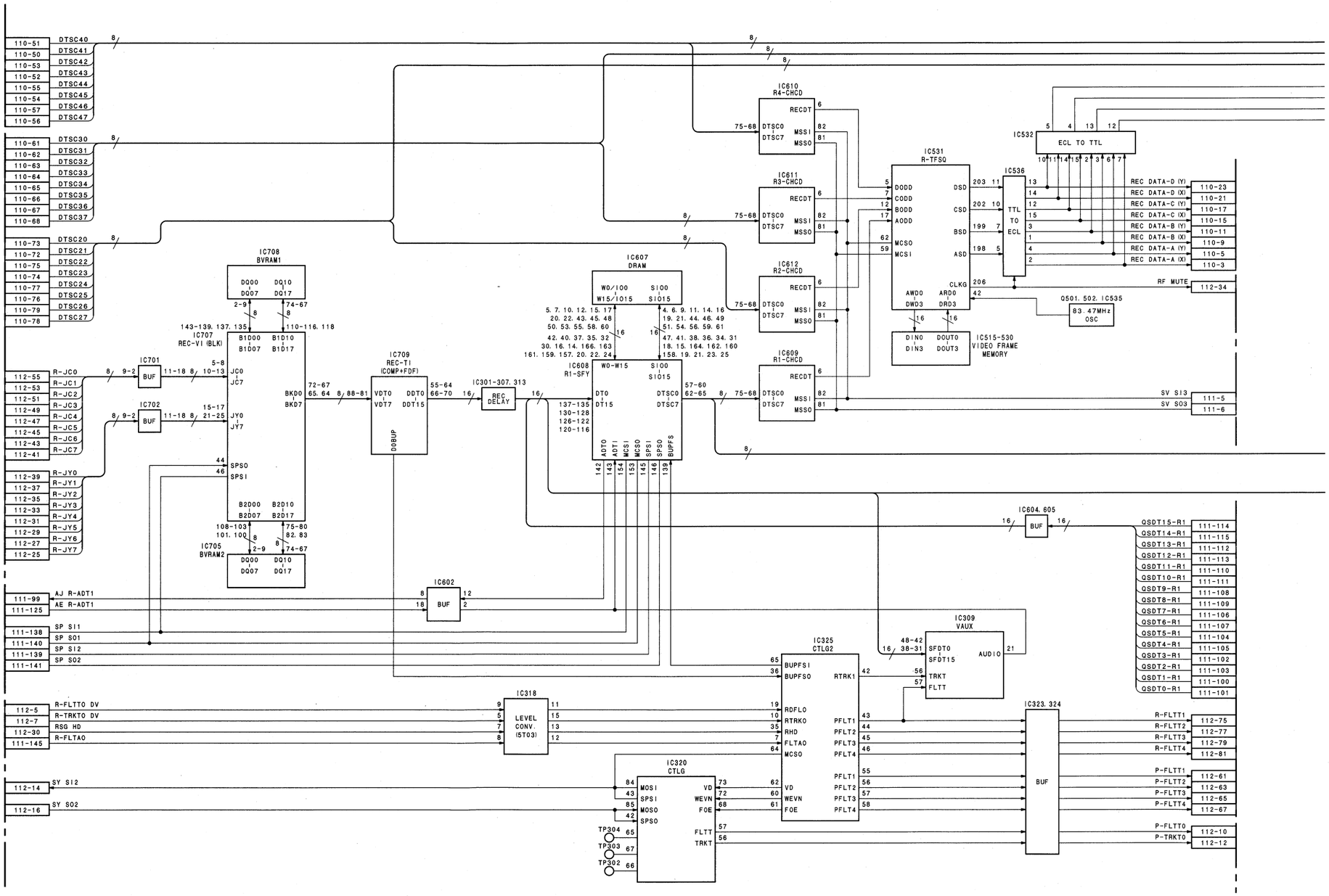
DEN-5/5P (1/2)
MODEL DSR-85/85P

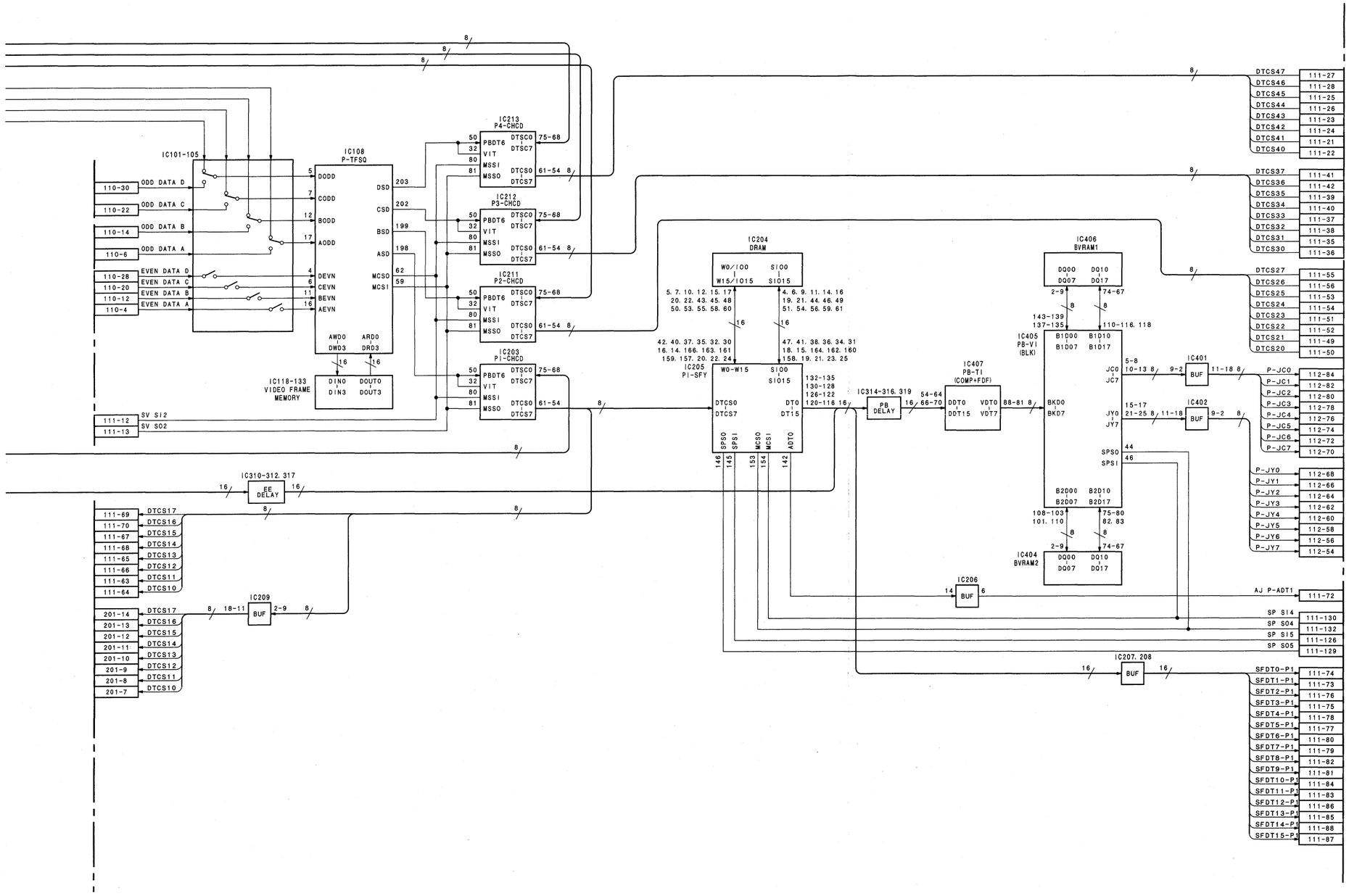
DEN-5/5P (2/2) : VIDEO OUTPUT PROCESS



DEN-5/5P (2/2)
MODEL DSR-85/85P

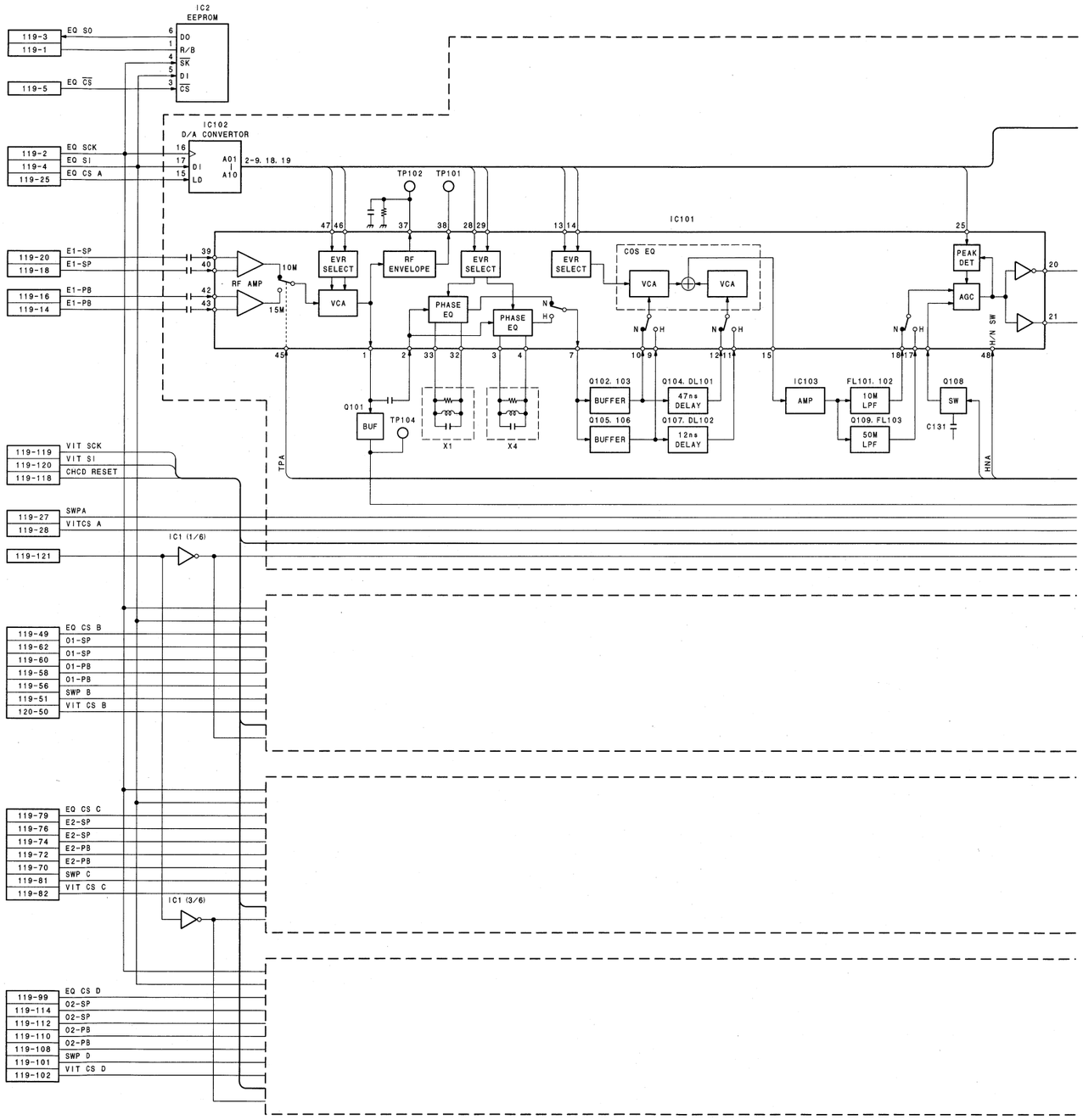
DV-16 : DIGITAL PROCESS

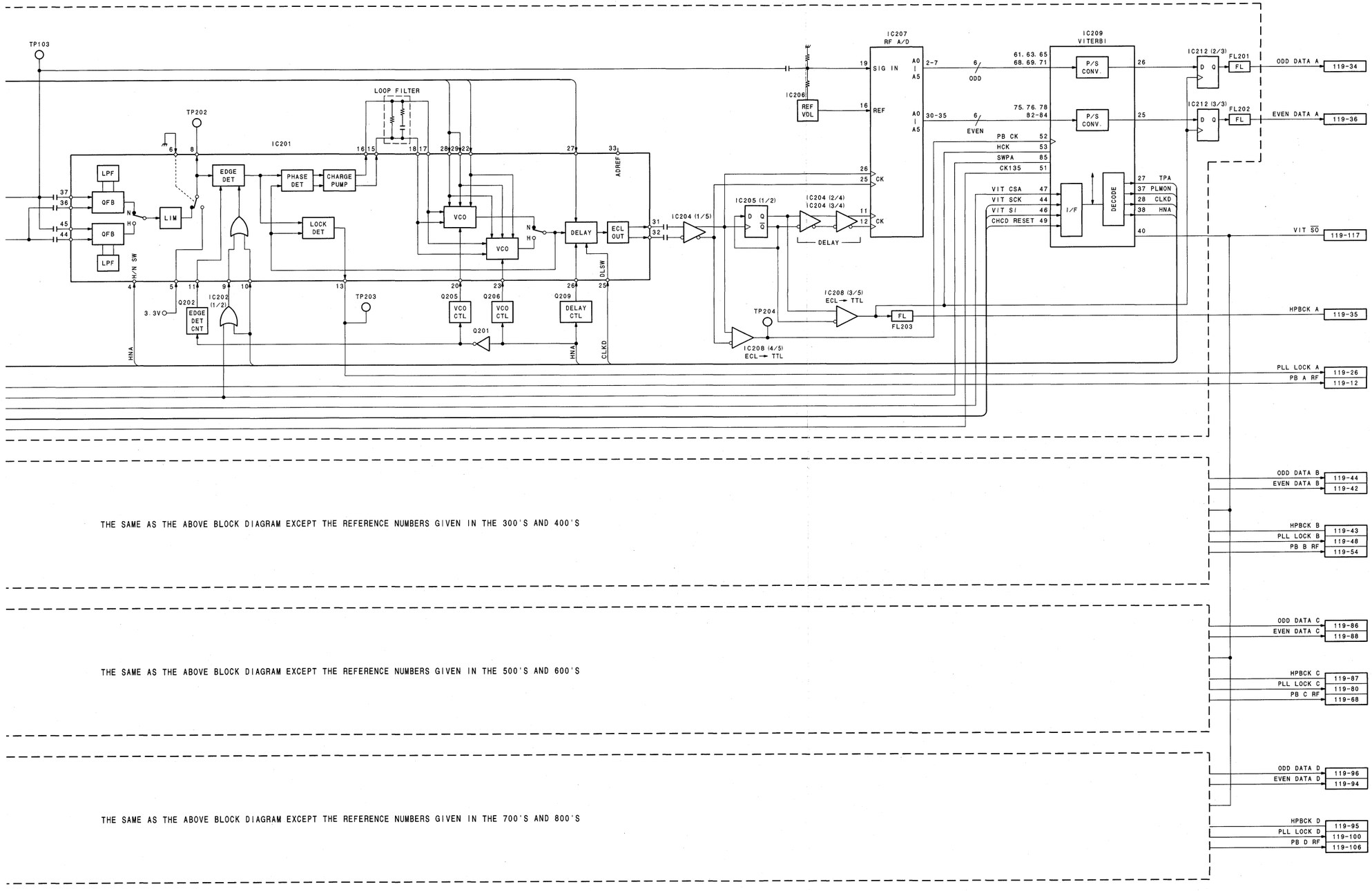




DV-16
MODEL DSR-85/85P

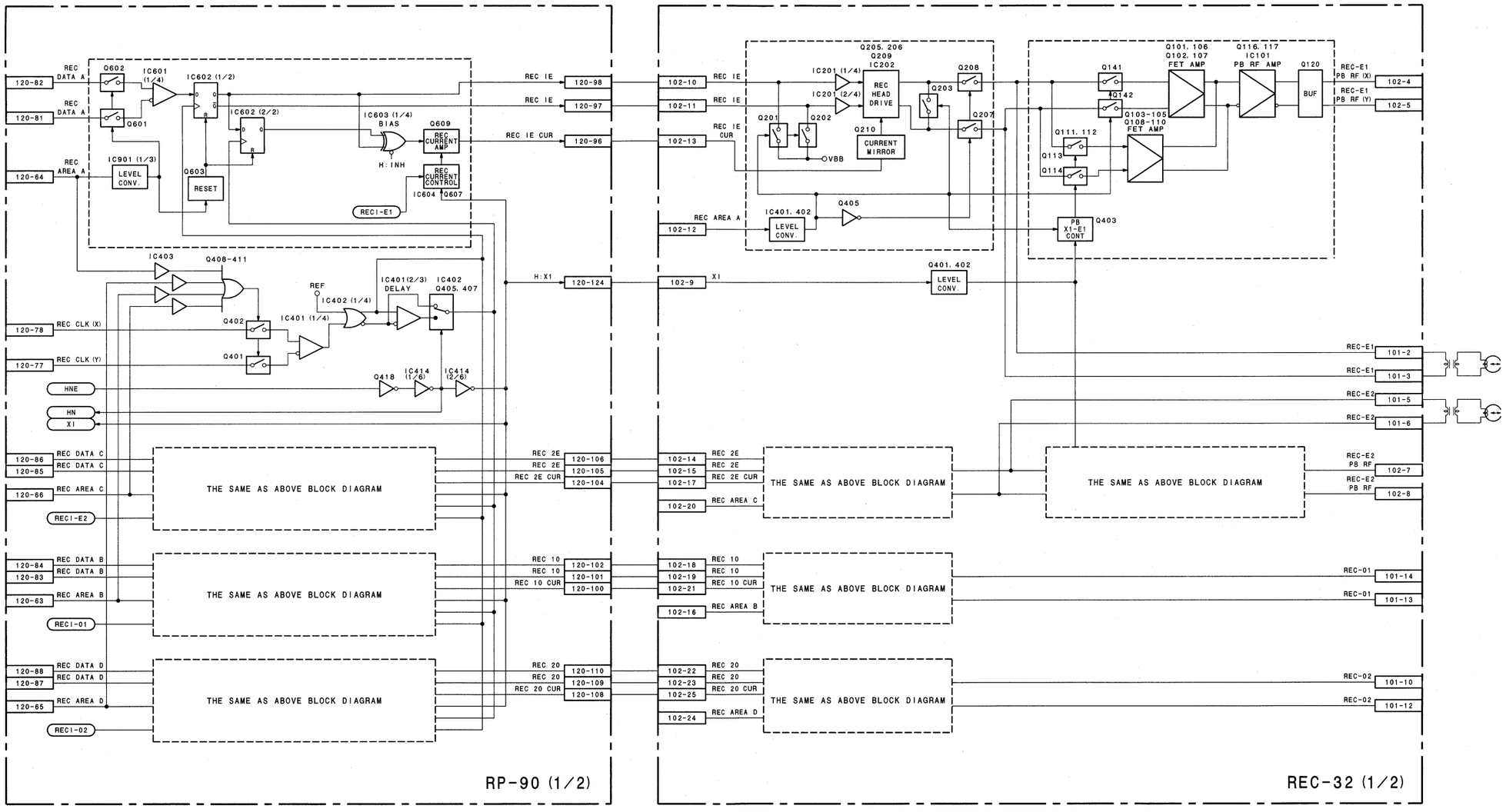
EQ-57 : RF DATA PROCESS





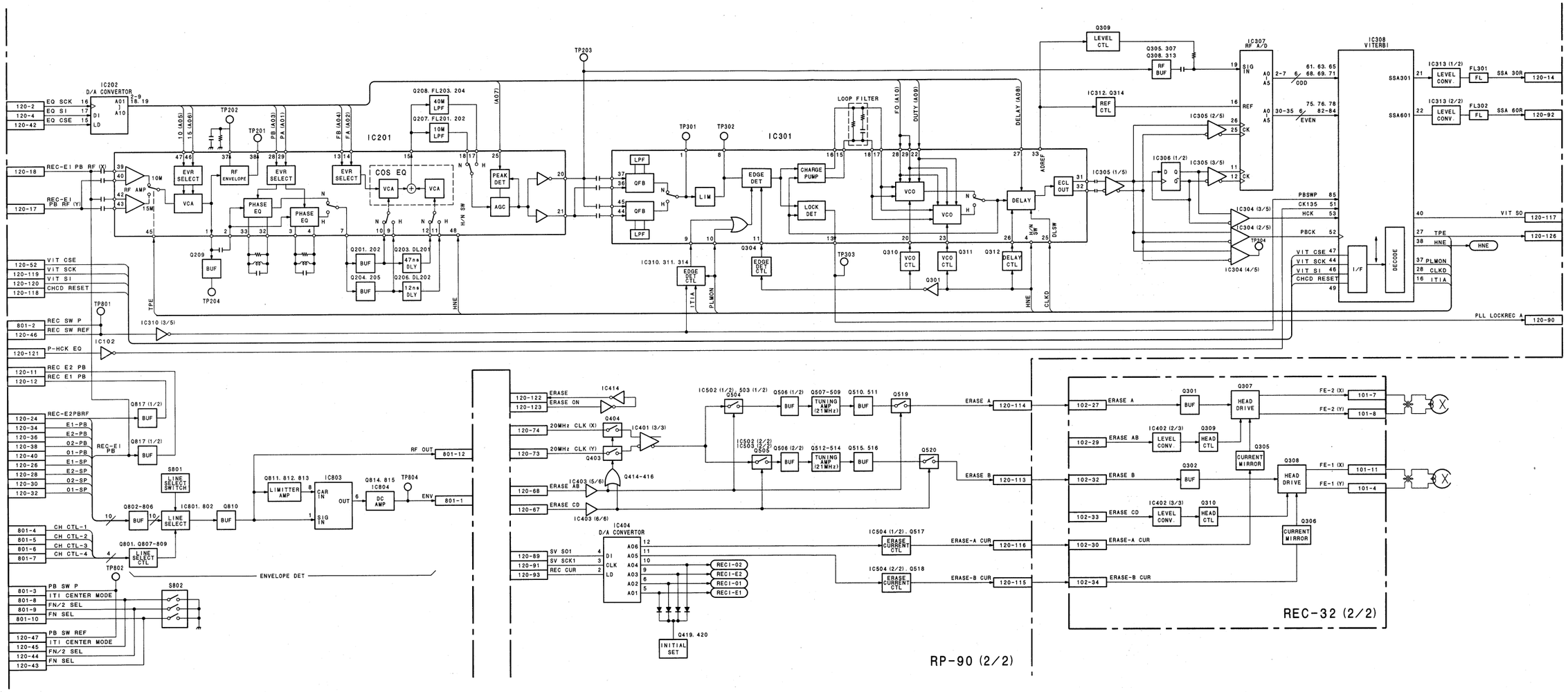
EQ-57
MODEL DSR-85/85P

RP/REC (1/2) : RF REC/PB PROCESS

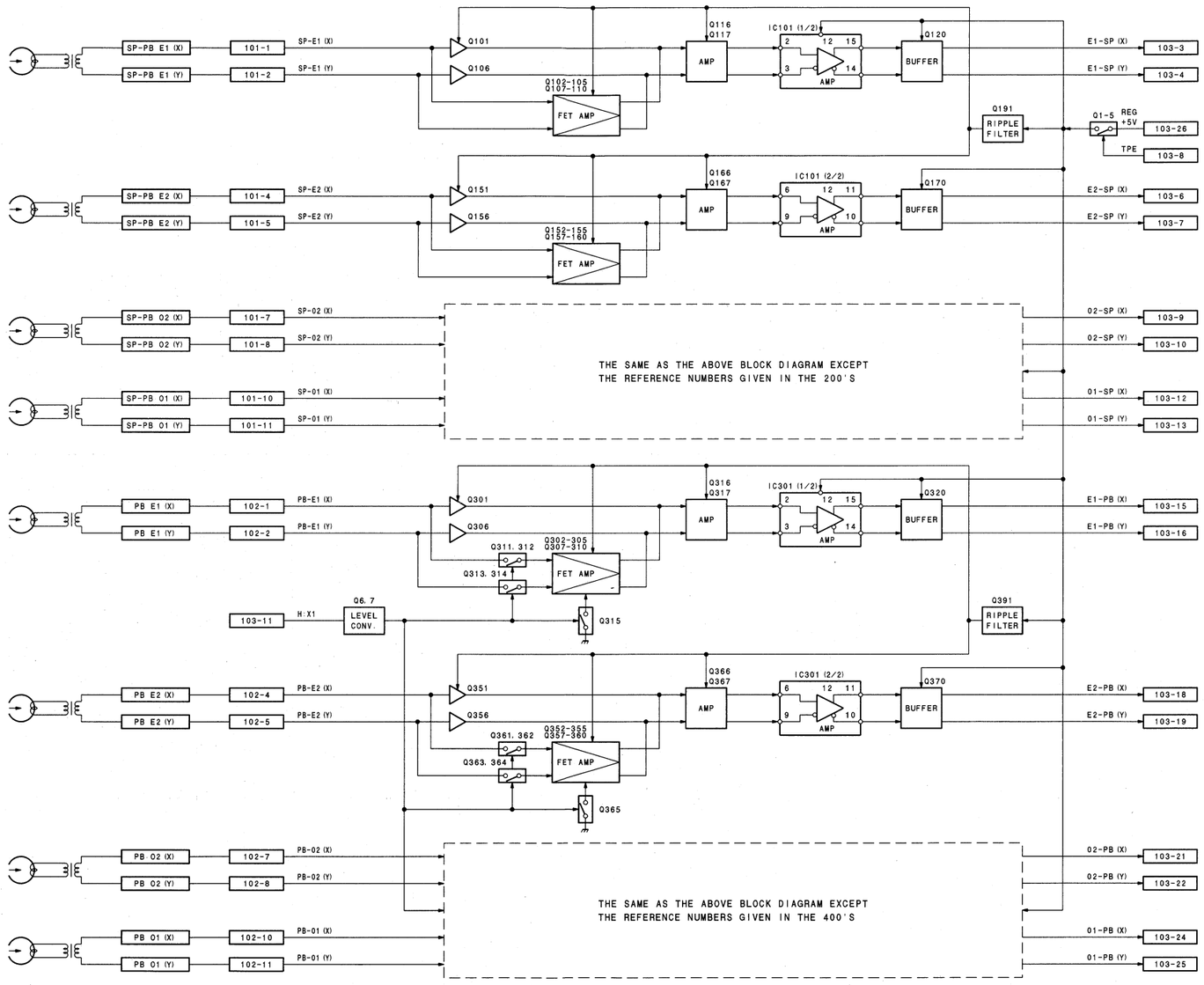


RP/REC (1/2)
MODEL DSR-85/85P

RP/REC (2/2) : RF REC/PB PROCESS

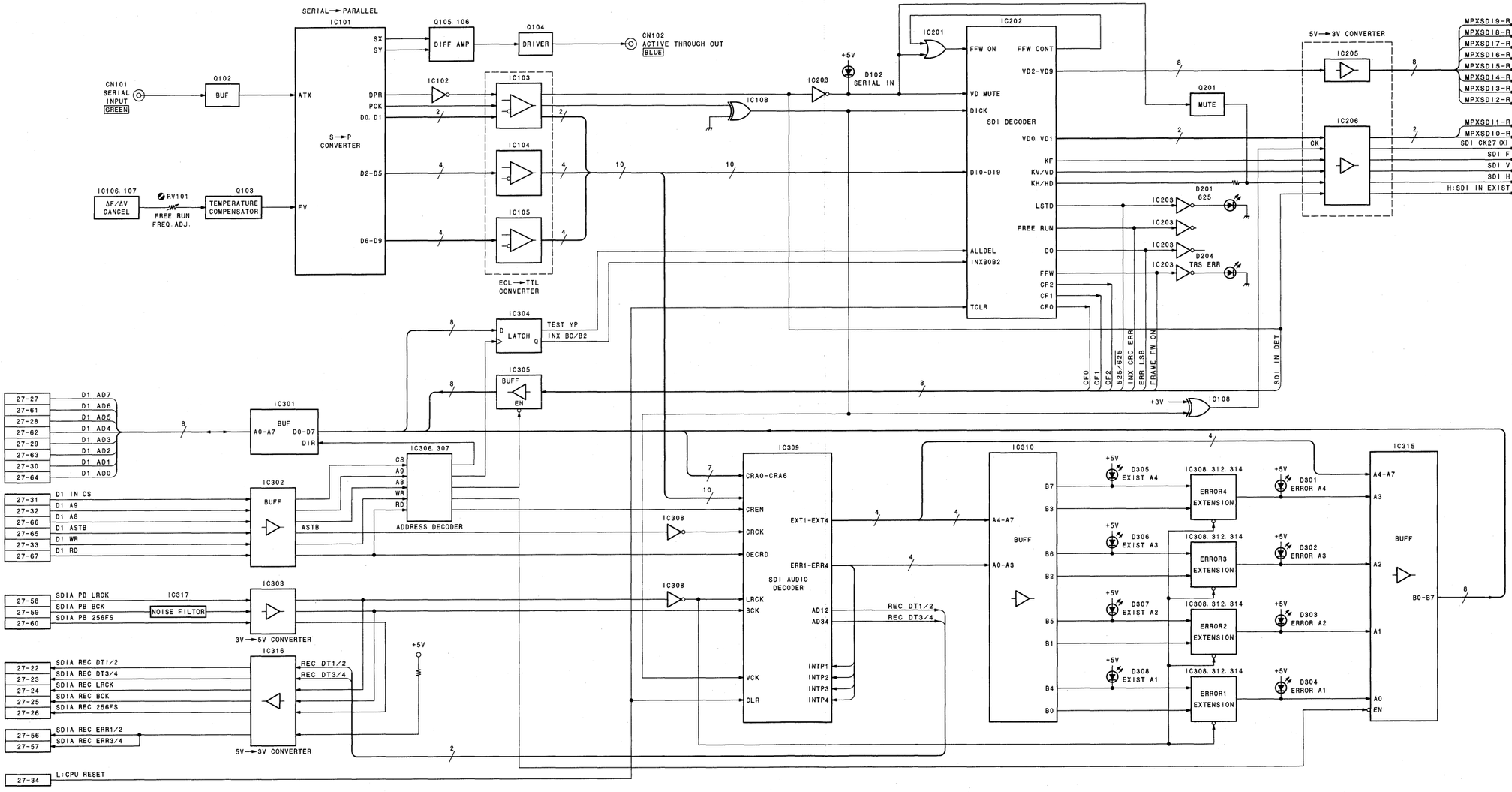


PRE-32 : PB HEAD AMP



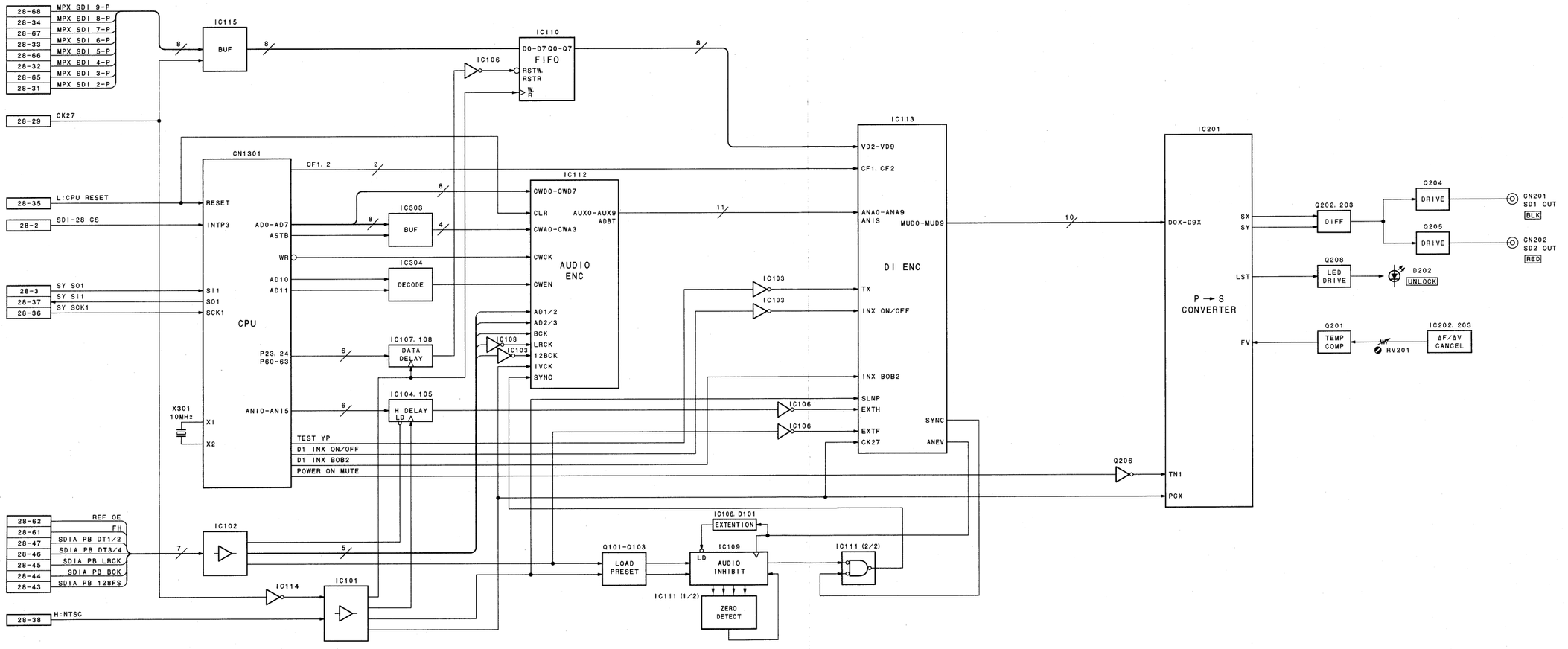
PRE-32
MODEL DSR-85/85P

SDI-27 : SDI INPUT



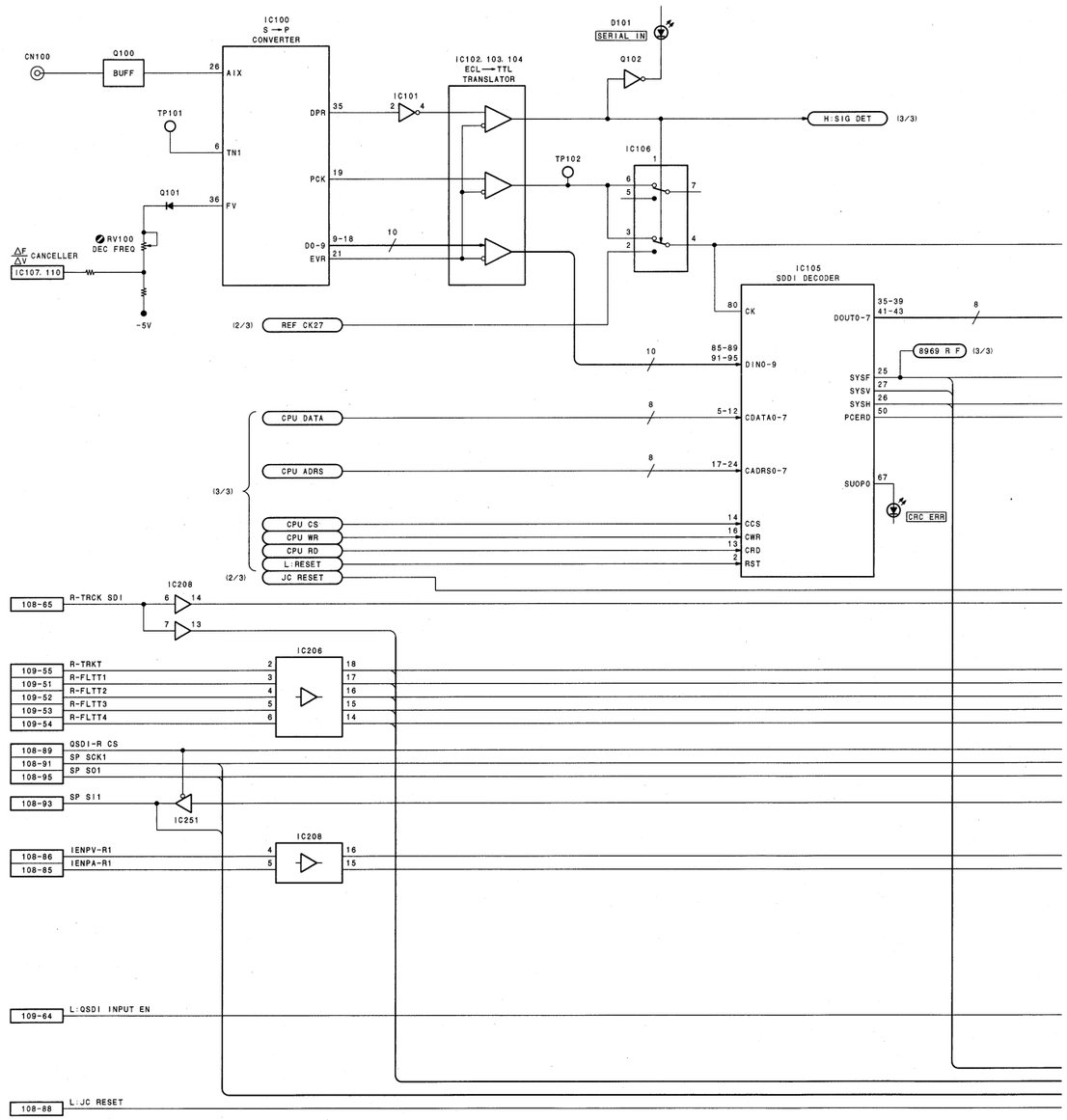
SDI-27
MODEL DSR-85/85P

SDI-28 : SDI OUTPUT

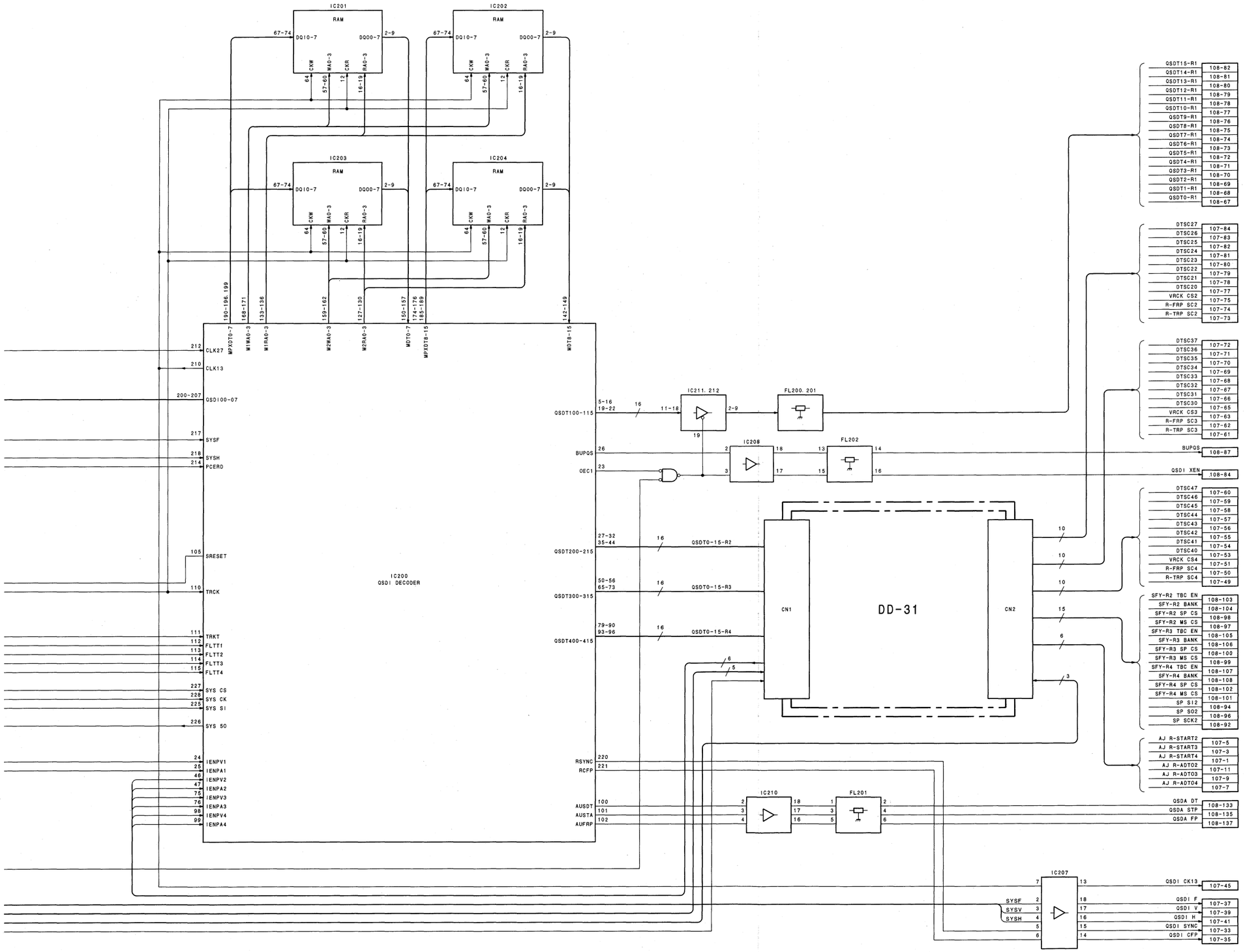


SDI-28
MODEL DSR-85/85P

SDI-8 (1/3) : QSDI INTERFACE

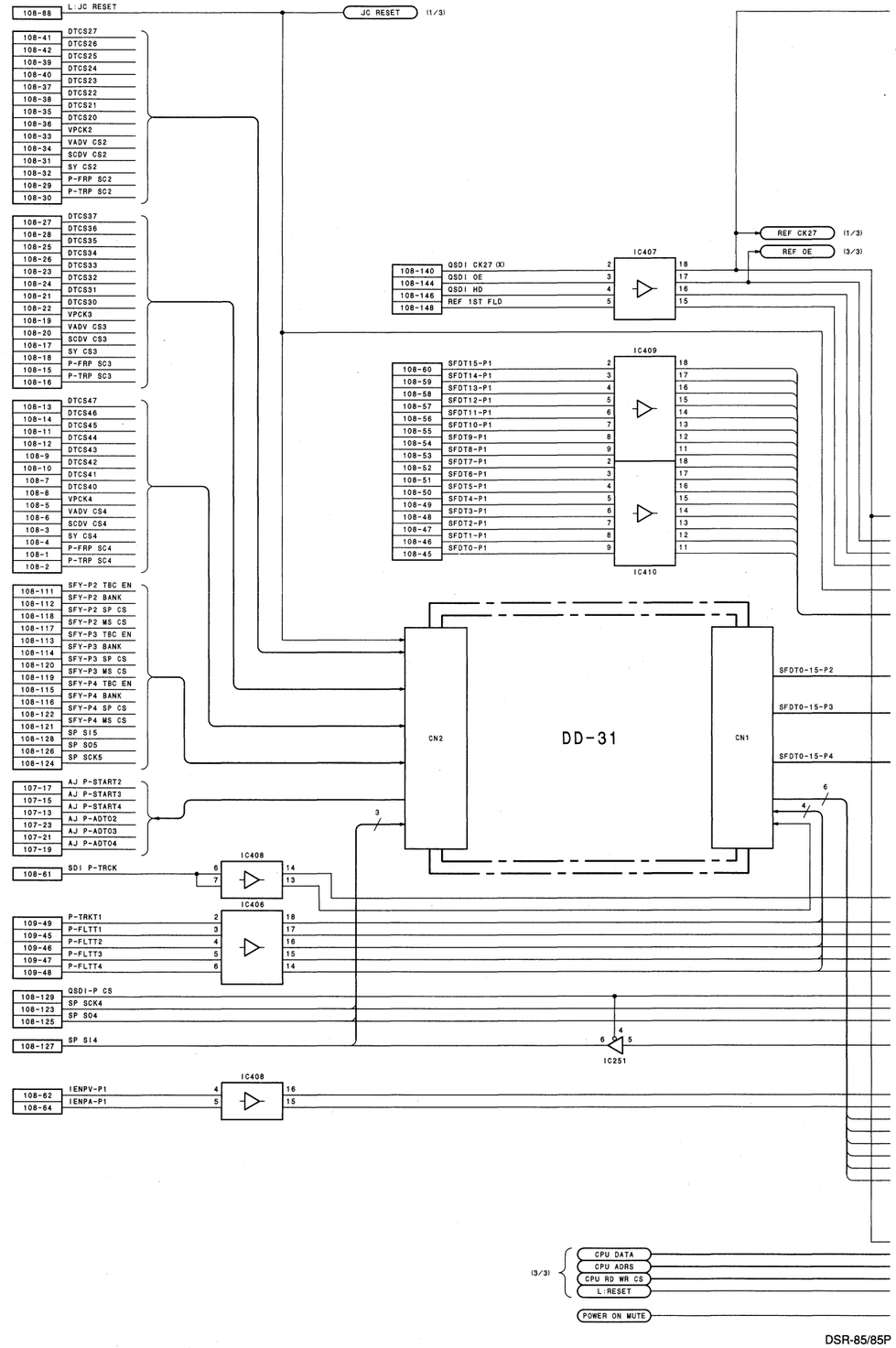


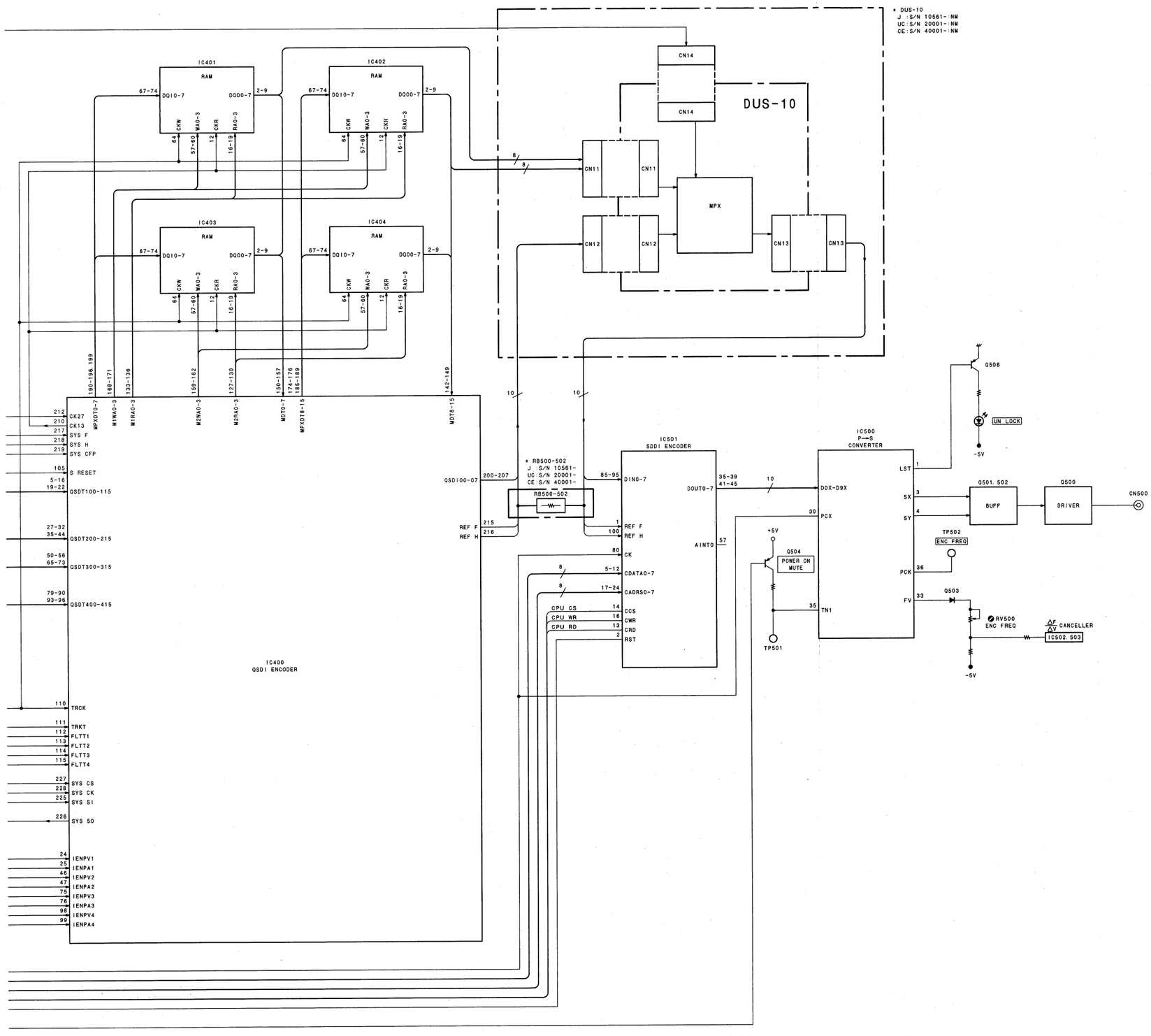
9-22



SDI-8 (1/3)
MODEL DSR-85/85P

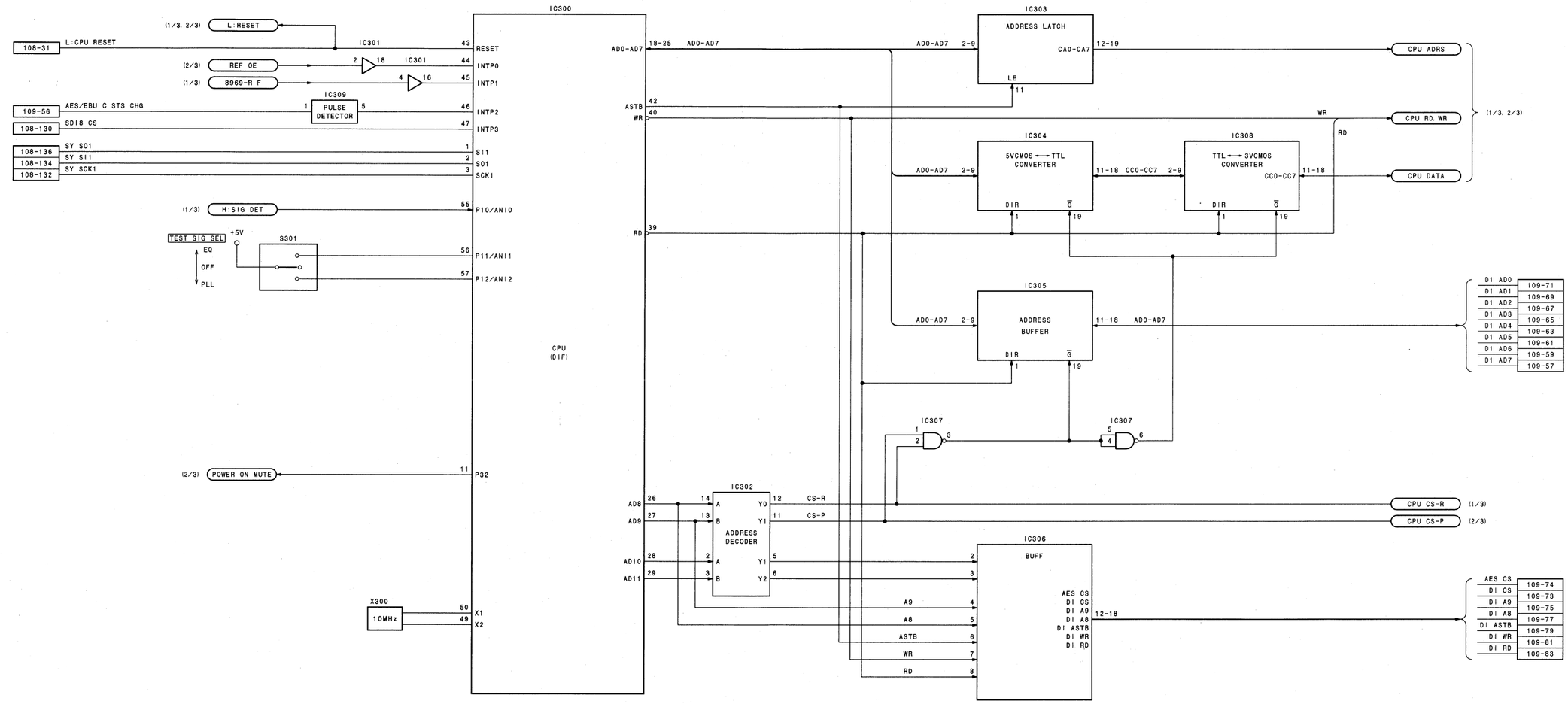
SDI-8 (2/3) : QSDI INTERFACE





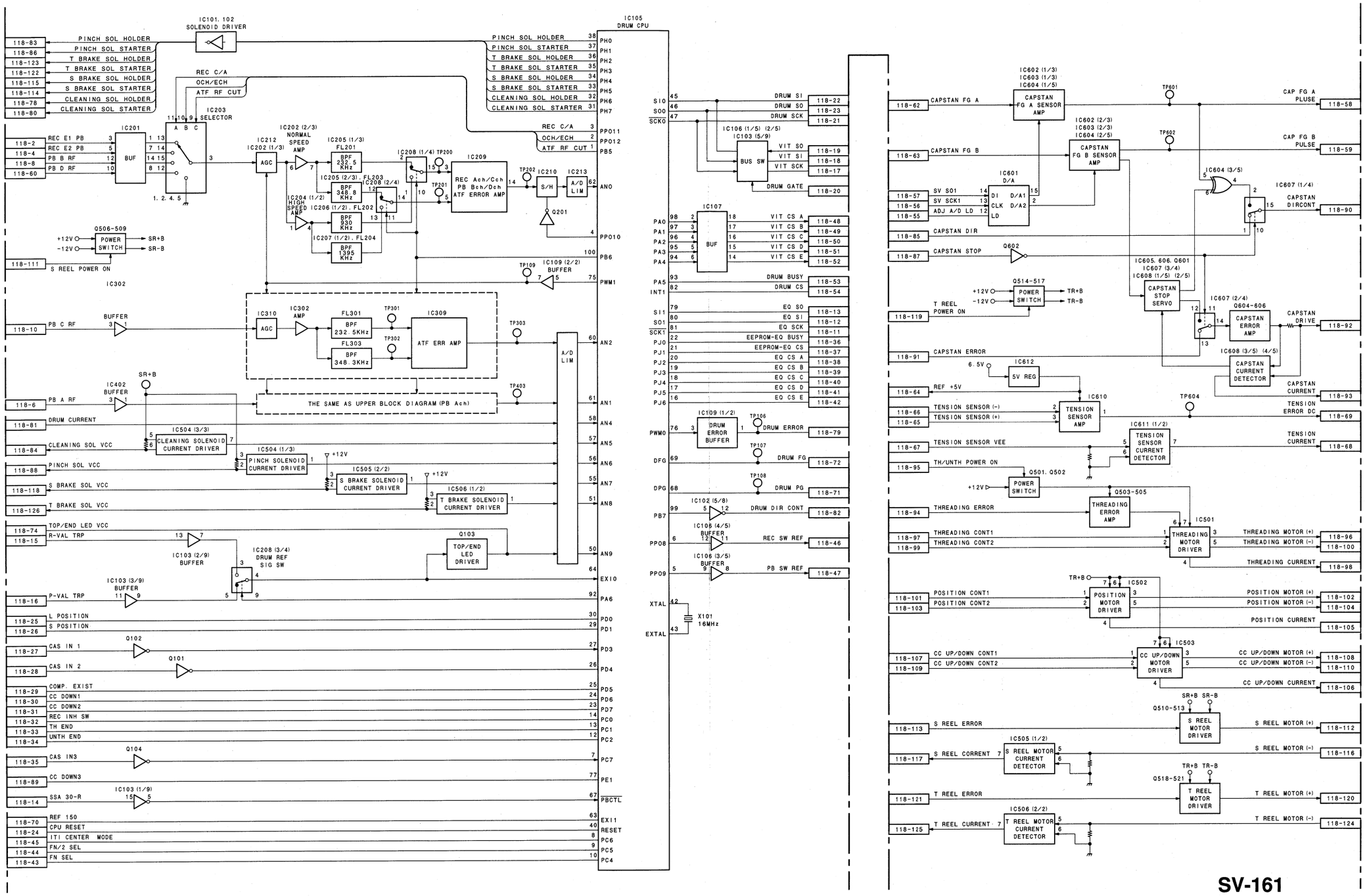
SDI-8 (2/3)
MODEL DSR-85/85P

SDI-8 (3/3) : QSDI INTERFACE



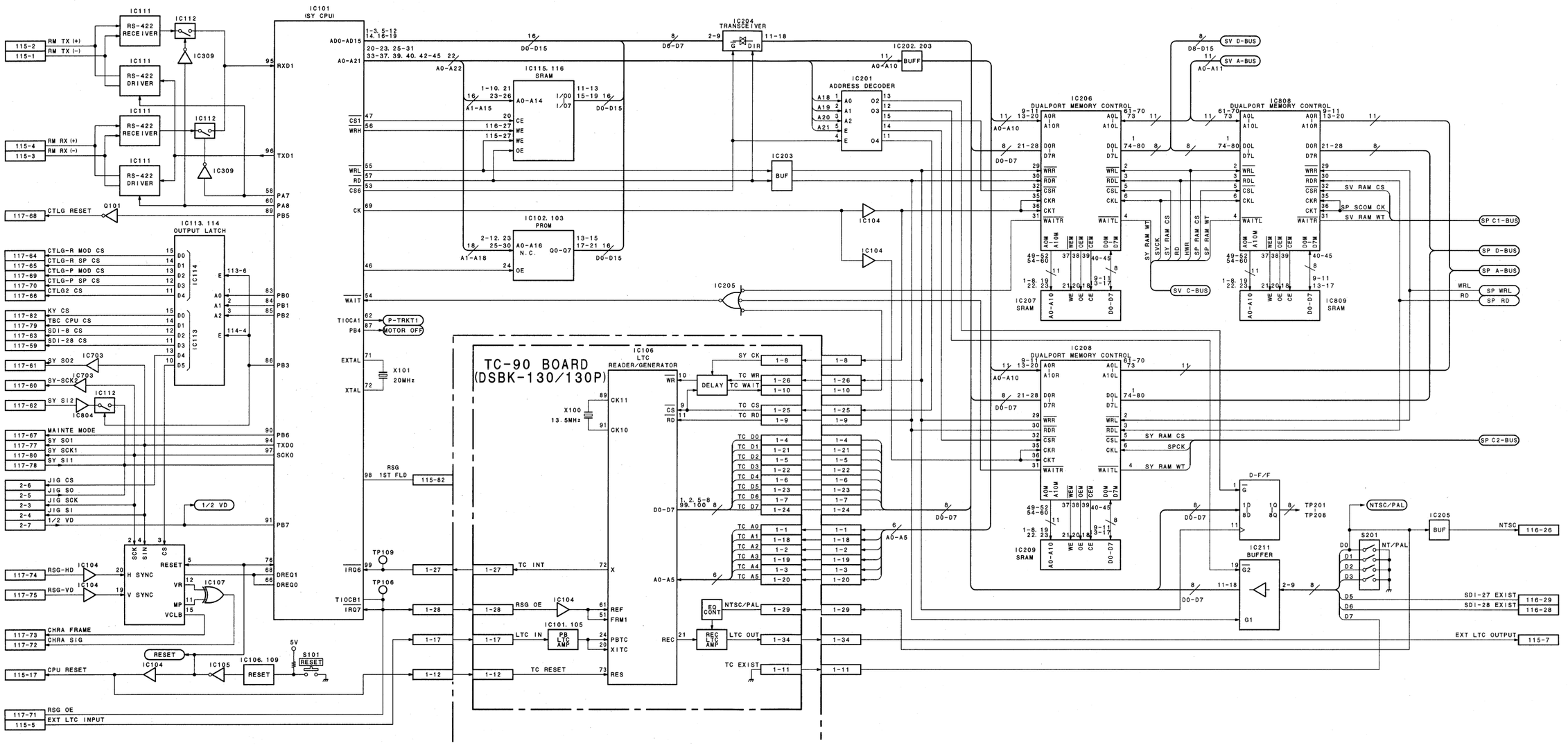
SDI-8 (3/3)
MODEL DSR-85/85P

SV-161 : SERVO SYSTEM



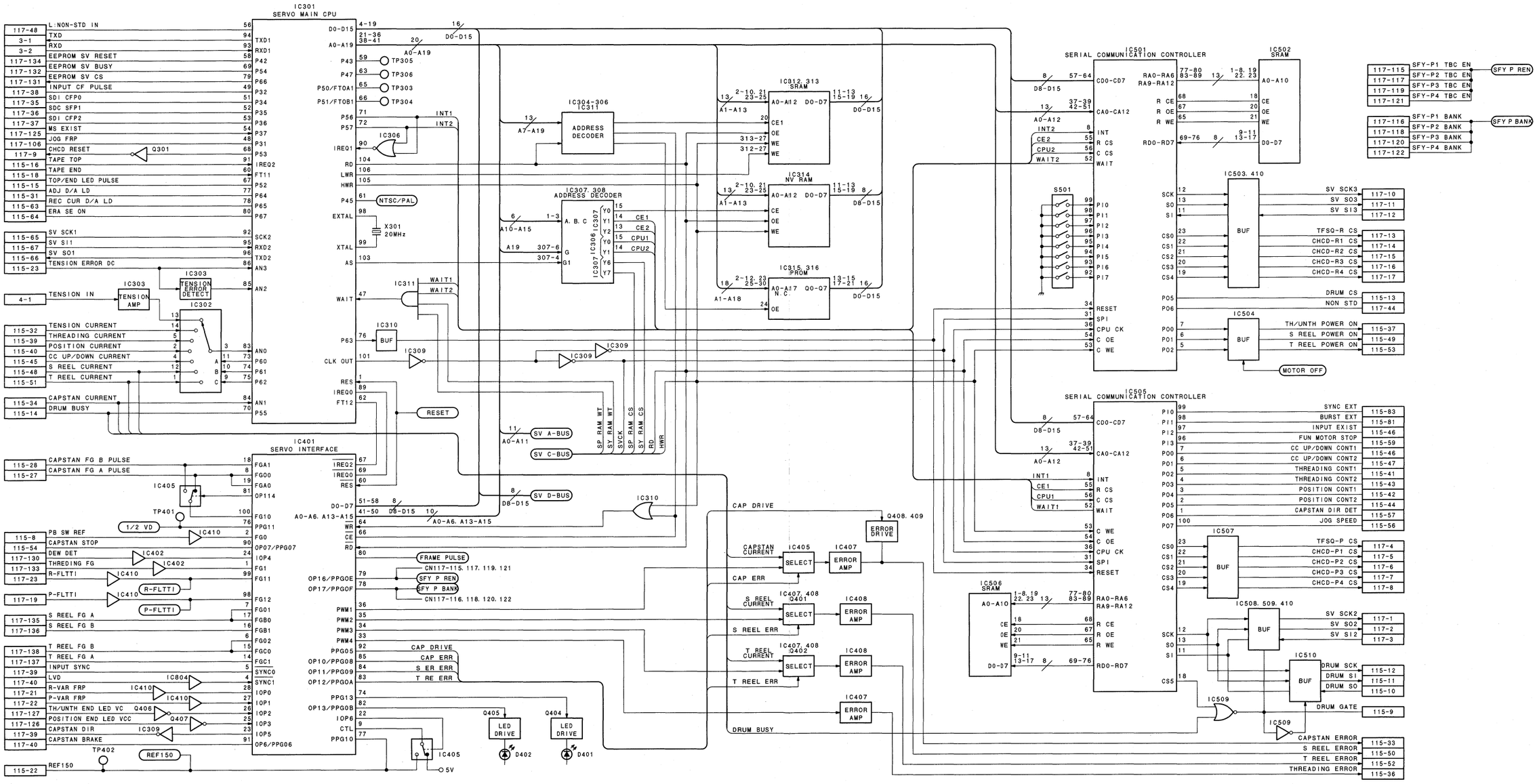
SV-161
MODEL DSR-85/85P

SY-220 (1/3) : SYSTEM CONTROL



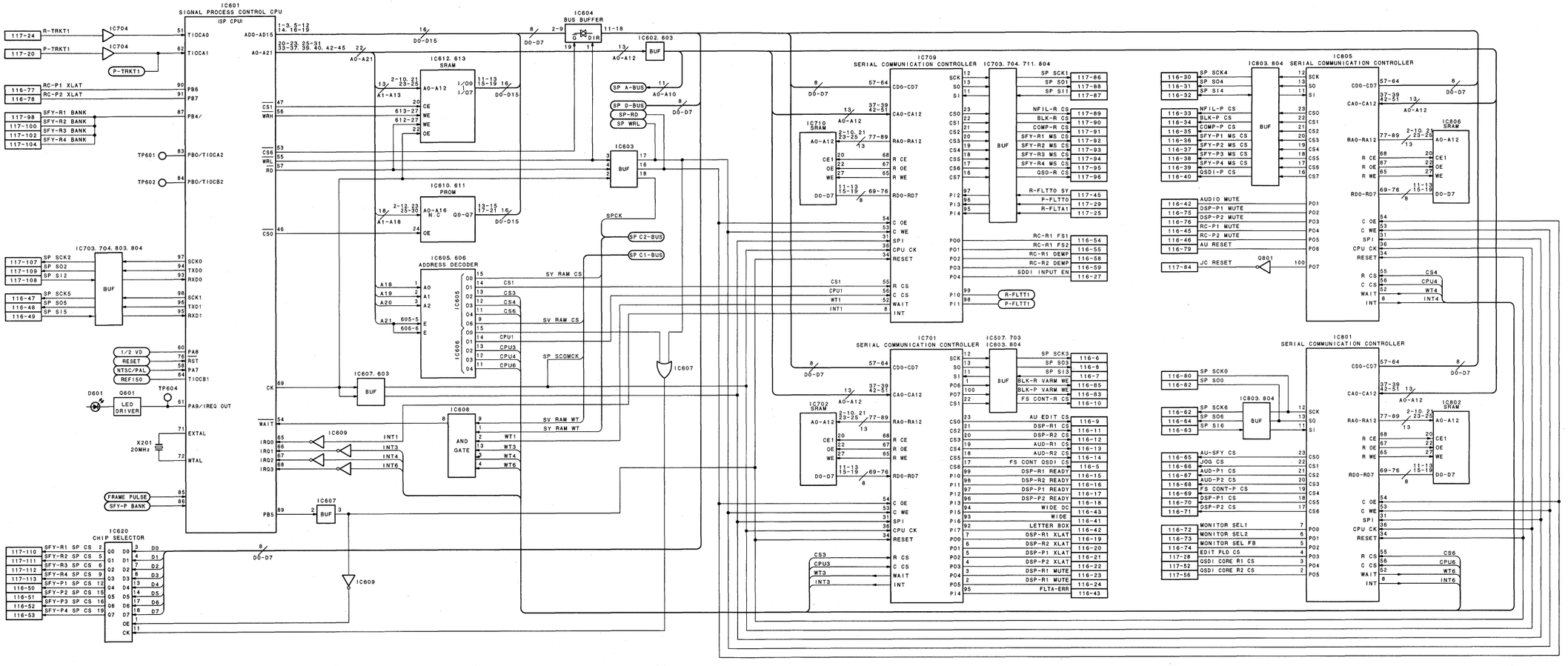
SY-220 (1/3)
MODEL DSR-85/85P

SY-220 (2/3) : SYSTEM CONTROL



SY-220 (2/3)
MODEL DSR-85/85P

SY-220 (3/3) : SYSTEM CONTROL



SY-220 (3/3)
MODEL DSR-85/85P

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RM-159	S REEL MOTOR/BRAKE SOL/FG SENSOR CONNECTION	10-33
RM-160	T REEL MOTOR/BRAKE SOL/FG SENSOR CONNECTION	10-33
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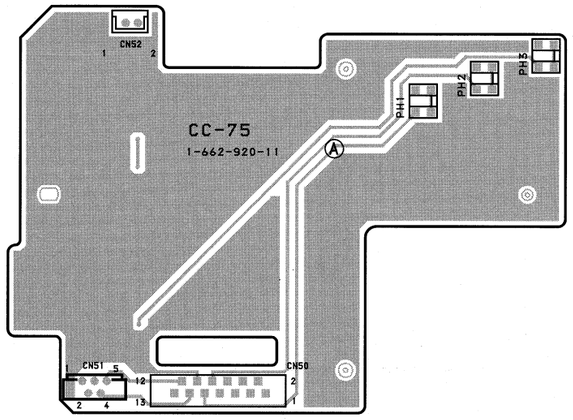
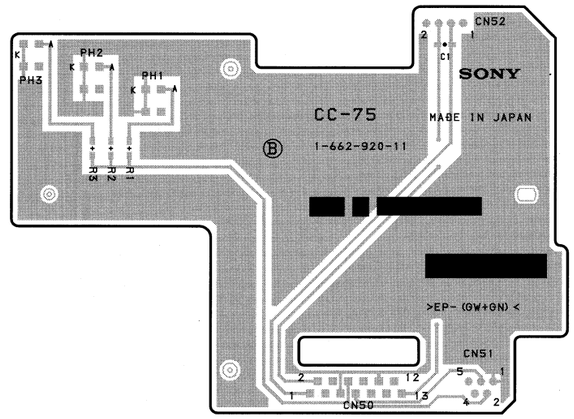
10-1

CC-75 : CC DOWN SENSOR
CC-76 : CAS IN SENSOR



CC-75 -A SIDE-
SUFFIX : -11
MODEL DSR-85/85P

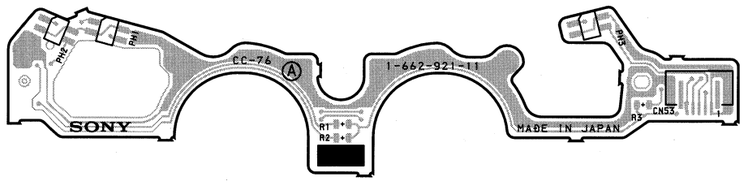


CC-75 -B SIDE-
SUFFIX : -11
MODEL DSR-85/85P

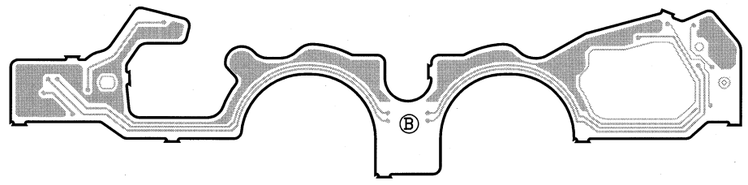
CC-75 (1-662-920-11)

*: B SIDE

CN50	A1
CN51	A1
CN52	A1
PH1	A1
PH2	A1
PH3	A1



CC-76 -A SIDE-
SUFFIX : -11
MODEL DSR-85/85P



CC-76 -B SIDE-
SUFFIX : -11
MODEL DSR-85/85P

CC-76 (1-662-921-11)

*: B SIDE

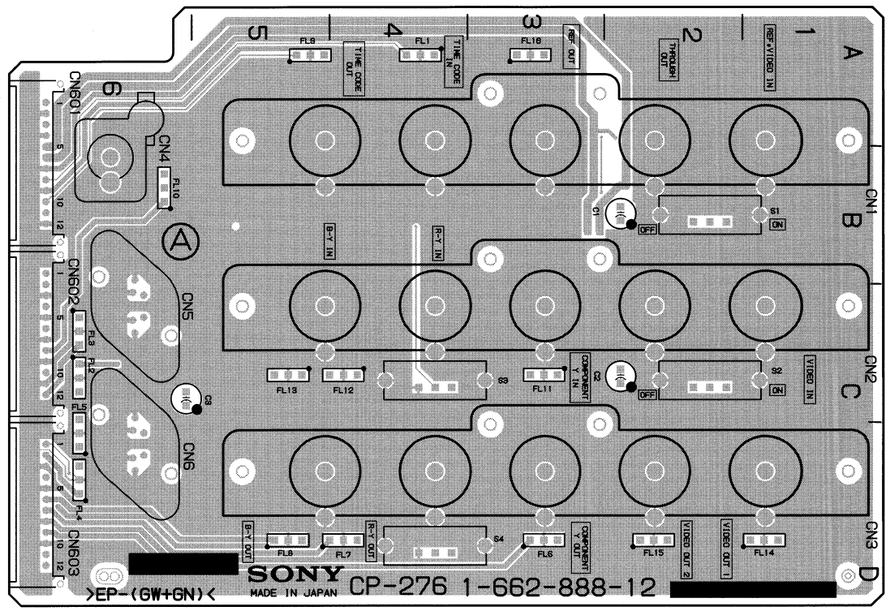
CN53	A1
PH1	A1
PH2	A1
PH3	A1

CP-276 : VIDEO/TC CONNECTOR

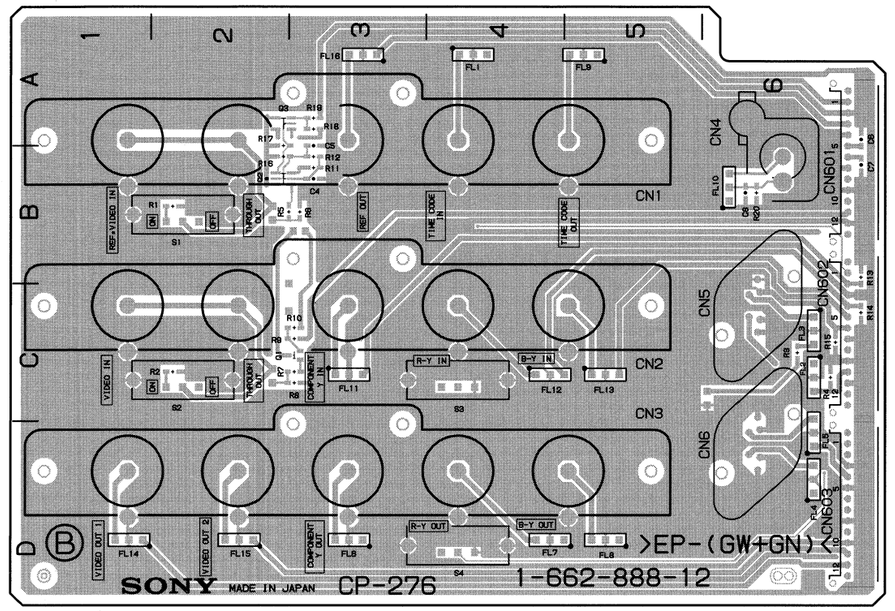
CP-276 (1-662-888-12)

*: B SIDE

CN1	A5
CN2	C5
CN3	D5
CN4	B6
CN5	C6
CN6	D6
CN601	A6
CN602	B6
CN603	D6
FL1	A4
FL2	C6
FL3	C6
FL4	D6
FL5	D6
FL6	D3
FL7	D4
FL8	D5
FL9	A5
FL10	B6
FL11	C3
FL12	C4
FL13	C5
FL14	D1
FL15	D2
FL16	A3
Q1	* C3
Q2	* B2
Q3	* A2
S1	B2
S2	C2

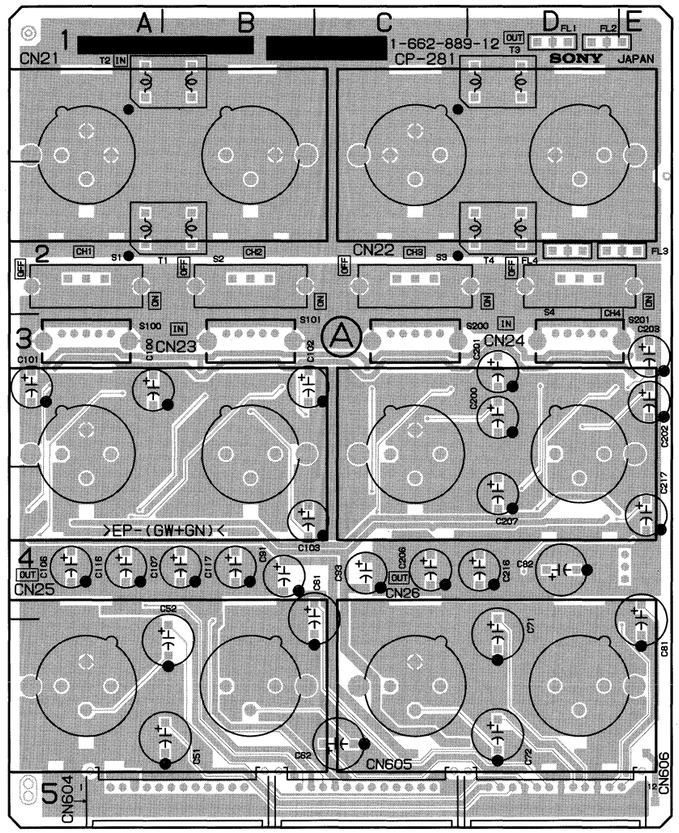


CP-276 -A SIDE-
SUFFIX : -12
MODEL DSR-85/85P

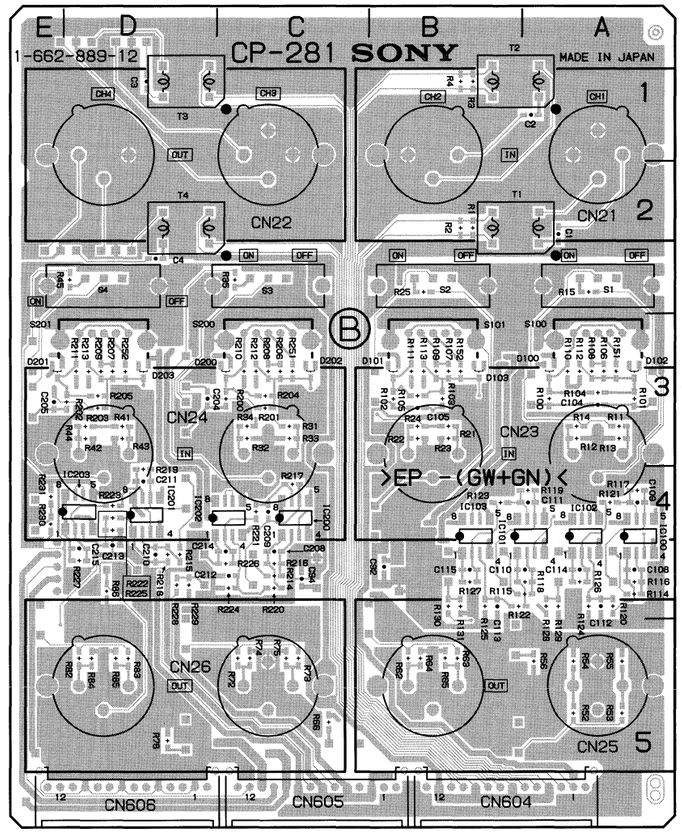


CP-276 -B SIDE-
SUFFIX : -12
MODEL DSR-85/85P

CP-281/281J : AUDIO IN/OUT CONNECTOR



CP-281/281J -A SIDE-
SUFFIX : -12
MODEL DSR-85/85P



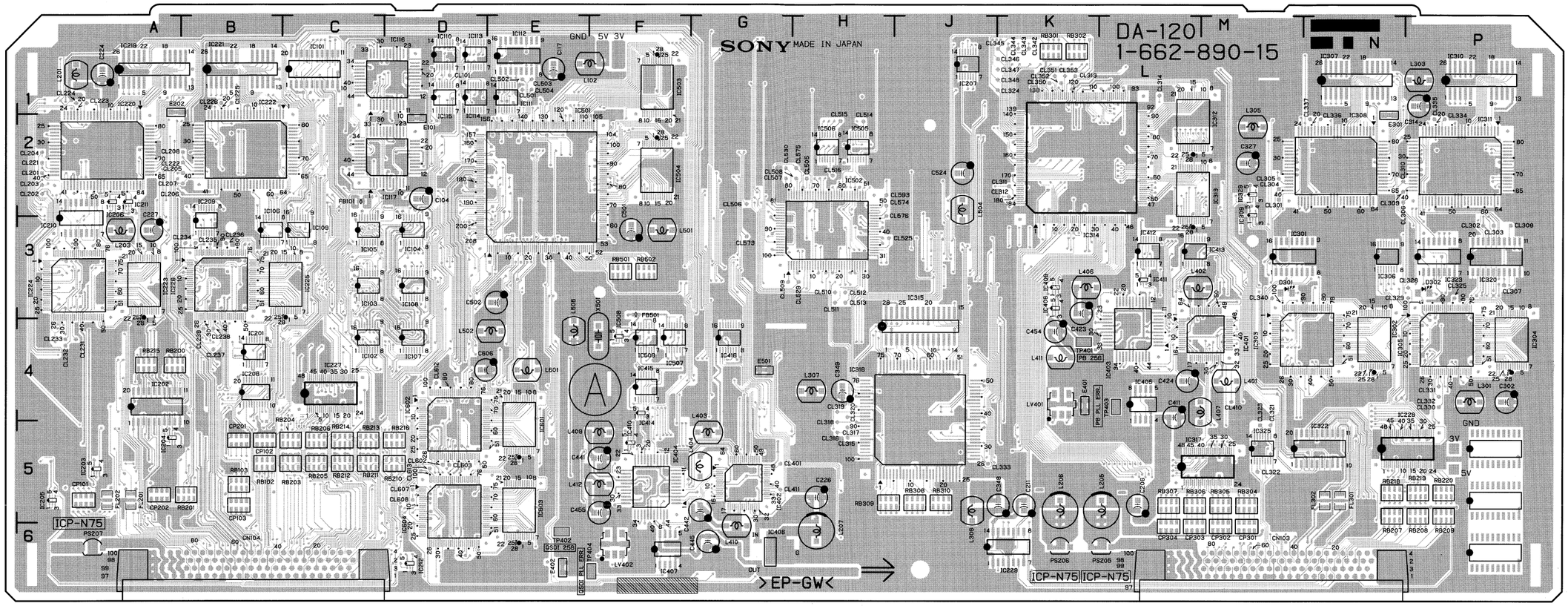
CP-281/281J -B SIDE-
SUFFIX : -12
MODEL DSR-85/85P

CP-281/281J (1-662-889-12)

*: B SIDE

CN21		A1	IC200	*	C4
CN22		C1	IC201	*	D4
CN23		A3	IC202	*	C4
CN24		C3	IC203	*	D4
CN25		A5			
CN26		C5	S1		A2
CN604		A5	S2		B2
CN605		B5	S3		C2
CN606		D5	S4		D2
CN609		E4	S100		A3
			S101		B3
D100	*	A3	S200		C3
D101	*	B3	S201		D3
D102	*	A3			
D103	*	B3	T1		A2
D200	*	C3	T2		A1
D201	*	E3	T3		D1
D202	*	C3	T4		D2
D203	*	D3			
IC100	*	A4			
IC101	*	A4			
IC102	*	A4			
IC103	*	B4			

DA-120 : DIGITAL AUDIO PROCESS

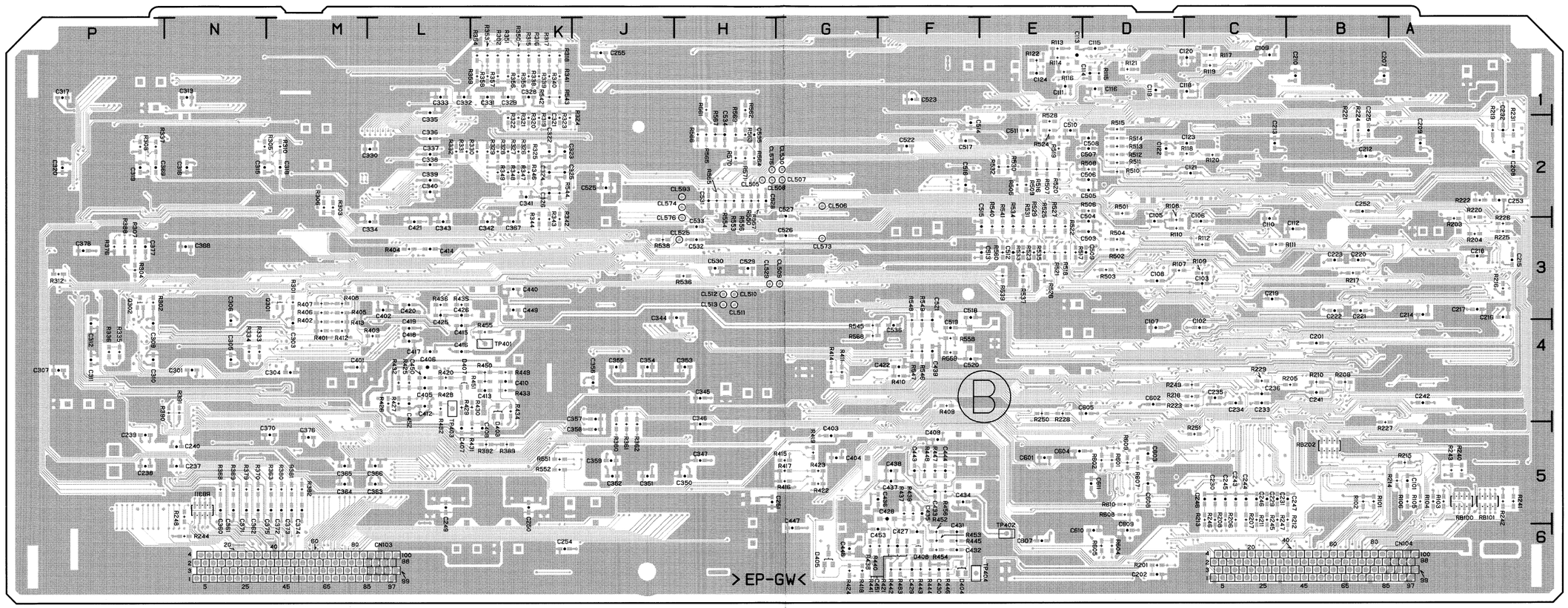


DA-120 -A SIDE-
SUFFIX : -15
MODEL DSR-85/85P

DA-120 (1-662-890-15)

*: B SIDE

CN103	N6	FL201	A5	IC204	A5	IC306	N3	IC409	K3	L201	A1	PS205	K6	RB302	K1
CN104	C6	FL202	A5	IC205	A5	IC307	N1	IC410	F5	L203	A3	PS206	K6	RB304	M5
		FL301	N5	IC206	A2	IC308	N2	IC411	L3	L205	L5	PS207	A6	RB305	M5
CP201	B5	FL302	N5	IC207	J1	IC309	M2	IC412	L3	L206	K5			RB306	L5
CP202	A5			IC208	B4	IC310	P1	IC413	L3	L207	H5	RB100	* A5	RB307	L5
CP301	M6	IC101	C1	IC209	B3	IC311	P2	IC414	F4	L301	P4	RB200	A4	RB308	J5
CP302	M6	IC102	C4	IC210	A3	IC312	L2	IC415	F4	L303	P1	RB201	B5	RB309	H5
CP303	L6	IC103	C3	IC211	A2	IC313	L2	IC416	G4	L305	M2	RB202	* B5	RB310	J5
CP304	L6	IC104	D3	IC212	D6	IC314	K2	IC501	E2	L306	J5	RB203	C5	RB311	* N5
		IC105	C3	IC219	A1	IC315	J4	IC502	H3	L307	H4	RB204	C5	RB501	F3
D403	* K4	IC106	B3	IC220	A2	IC316	J4	IC503	F1	L401	M4	RB205	C5	RB502	F3
D404	* F6	IC107	D4	IC221	B1	IC317	M5	IC504	F2	L402	M3	RB206	C5		
D405	* G6	IC108	D3	IC222	B2	IC320	P3	IC505	H2	L403	G5	RB207	N5	TP401	K4
D407	* L4	IC109	C3	IC223	A3	IC322	N5	IC507	F4	L404	G5	RB208	P5	TP402	E6
D408	* F6	IC110	D1	IC224	A3	IC323	P3	IC508	F4	L406	K3	RB209	P5	TP403	L4
		IC111	E1	IC225	C3	IC325	M5	IC509	F4	L407	M4	RB210	D5	TP404	F6
E101	D2	IC112	E1	IC226	B3	IC329	M2	IC601	E5	L409	F5	RB211	C5		
E202	A1	IC113	D1	IC227	C4	IC401	M4	IC602	D5	L410	G6	RB212	C5	X501	F4
E301	N2	IC114	D1	IC228	P5	IC402	G5	IC603	E5	L411	K4	RB213	C5		
E401	K4	IC115	D1	IC229	K6	IC403	L4	IC604	D5	L412	F5	RB214	C5		
E402	E6	IC116	D1	IC301	M3	IC404	F5			L501	F3	RB215	A4		
E501	G4	IC117	D2	IC302	N4	IC405	L4	LV401	K4	L502	D4	RB218	N5		
		IC201	B4	IC303	N4	IC406	K3	LV402	F6	L504	J3	RB219	P5		
FB101	C2	IC202	A4	IC304	P4	IC407	F6			L505	E4	RB220	P5		
FB501	F3	IC203	A5	IC305	P4	IC408	G6	L102	E1	L601	E4	RB301	K1		



DA-120 -B SIDE-

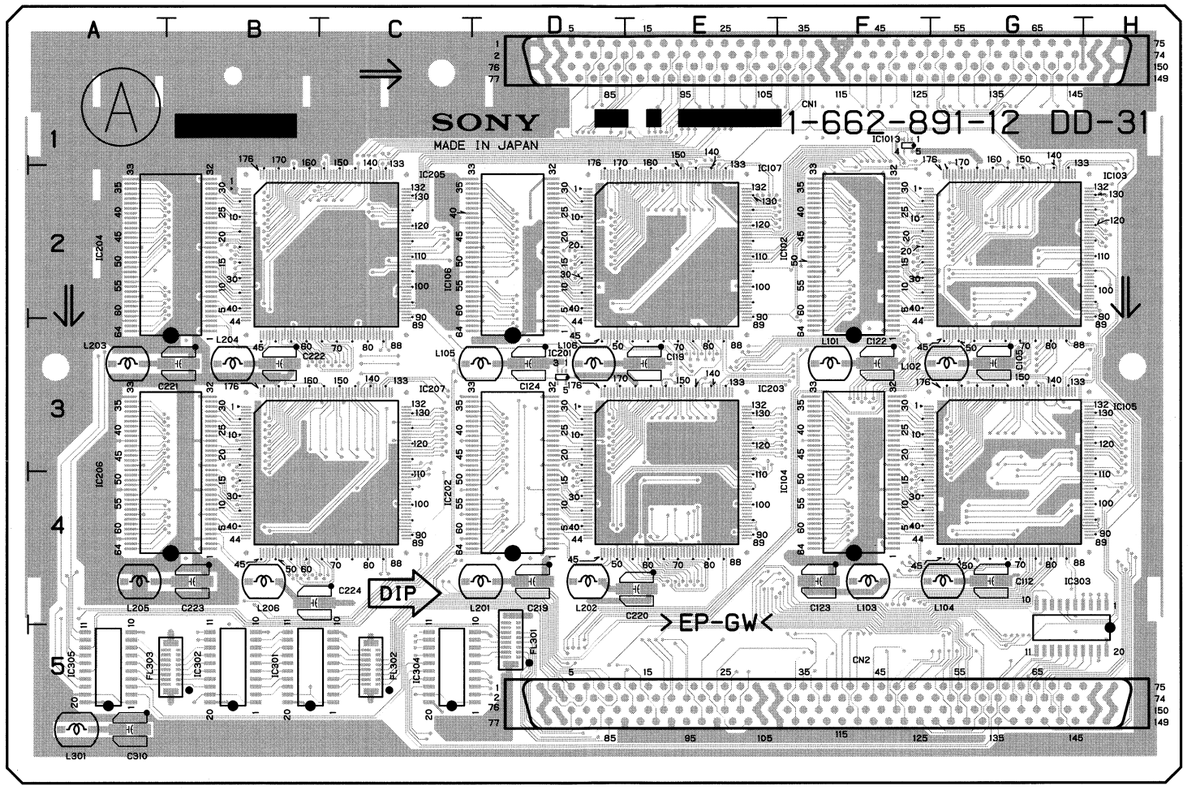
SUFFIX : -15
MODEL DSR-85/85P

DD-31 : ×4 DATA PROCESS

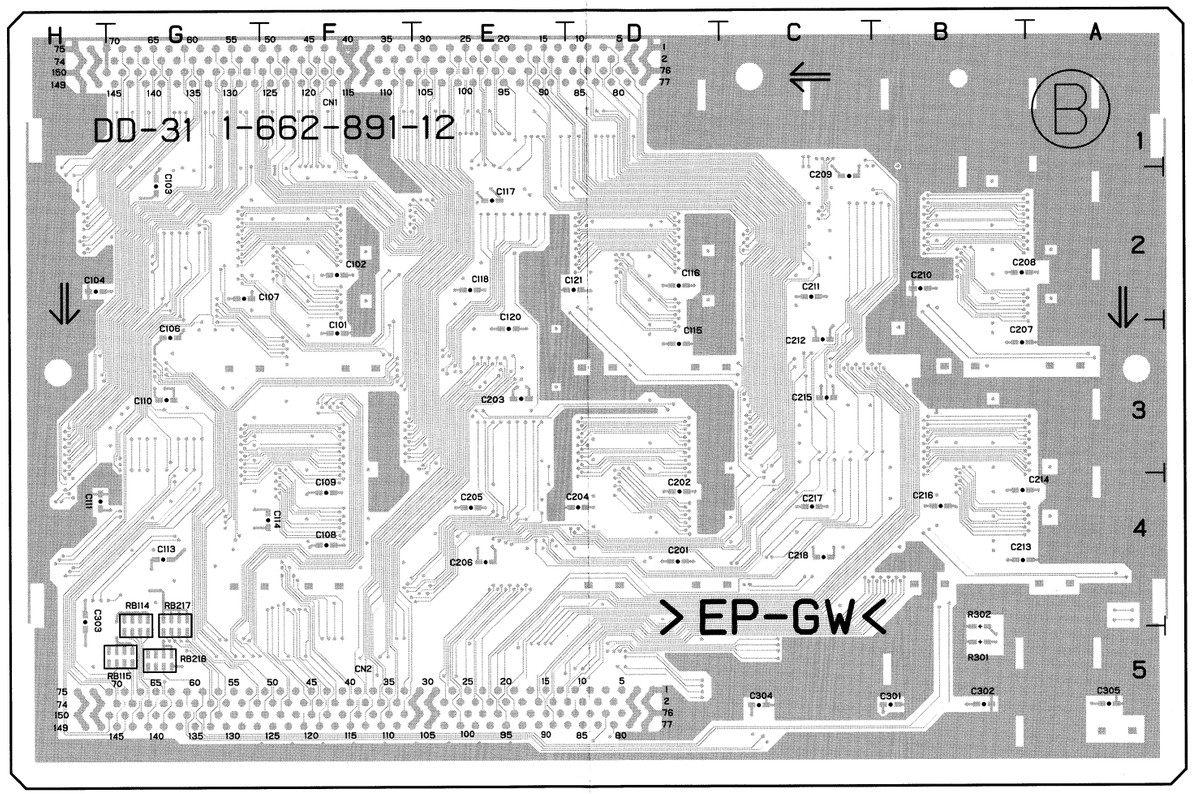
DD-31 (1-662-891-12)

*: B SIDE

CN1	D1
CN2	D5
FL301	D5
FL302	C5
FL303	B5
IC101	F1
IC102	F2
IC103	G2
IC104	F4
IC105	G4
IC106	D2
IC107	E2
IC201	D3
IC202	D4
IC203	E4
IC204	B2
IC205	C2
IC206	B4
IC207	C4
IC301	B5
IC302	B5
IC303	G5
IC304	C5
IC305	A5
L101	F3
L102	G3
L103	F4
L104	F4
L105	C3
L106	D3
L201	C4
L202	D4
L203	A3
L204	B3
L205	A4
L206	B4
L301	A5
RB114	* G4
RB115	* G5
RB217	* G4
RB218	* G5

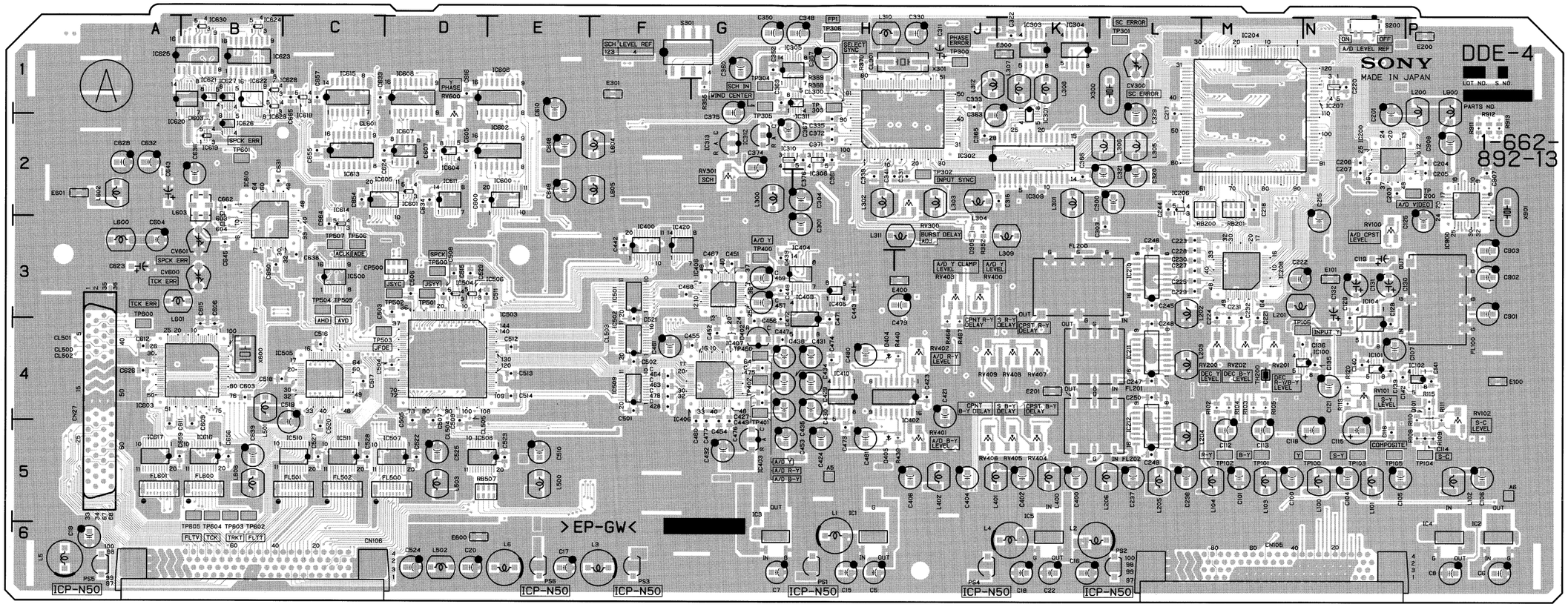


DD-31 -A SIDE-
SUFFIX : -12
MODEL DSR-85/85P



DD-31 **-B SIDE-**
SUFFIX : -12
MODEL DSR-85/85P

DDE-4/4P : VIDEO INPUT PROCESS



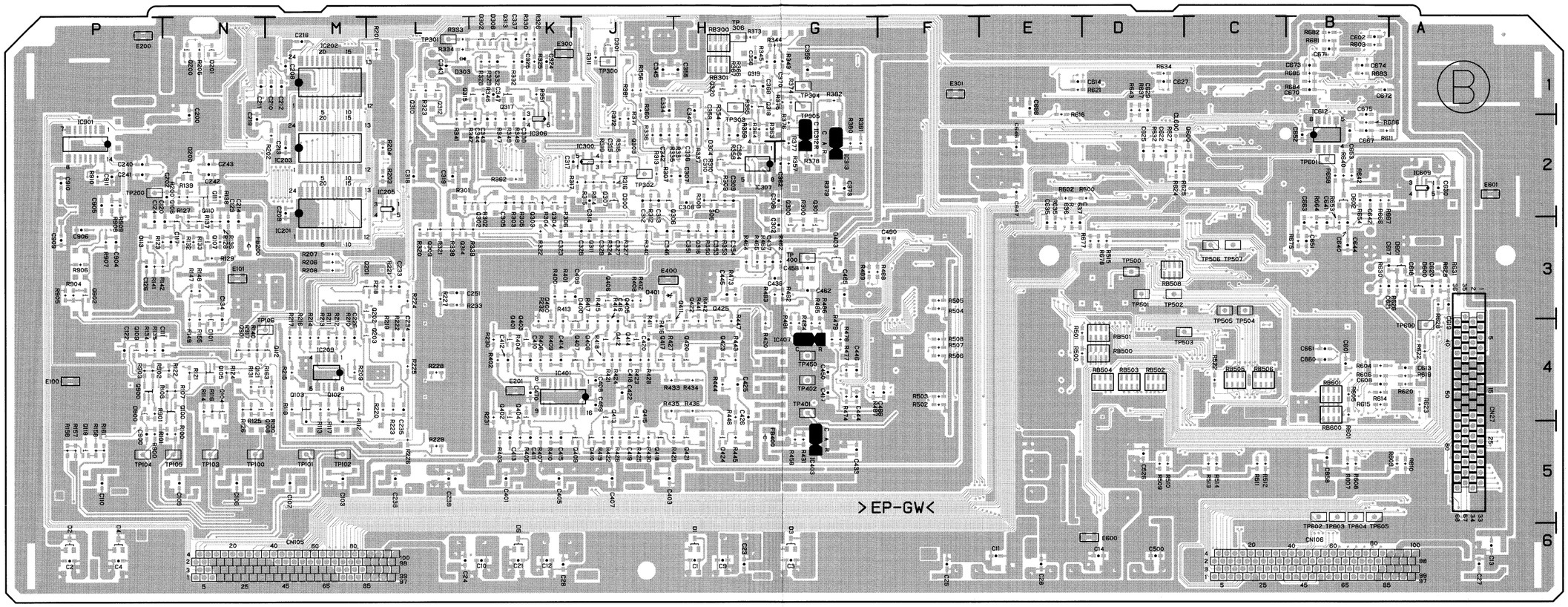
DDE-4/4P -A SIDE-
SUFFIX : -13
MODEL DSR-85/85P

DDE-4/4P (1-662-892-13)

*: B SIDE

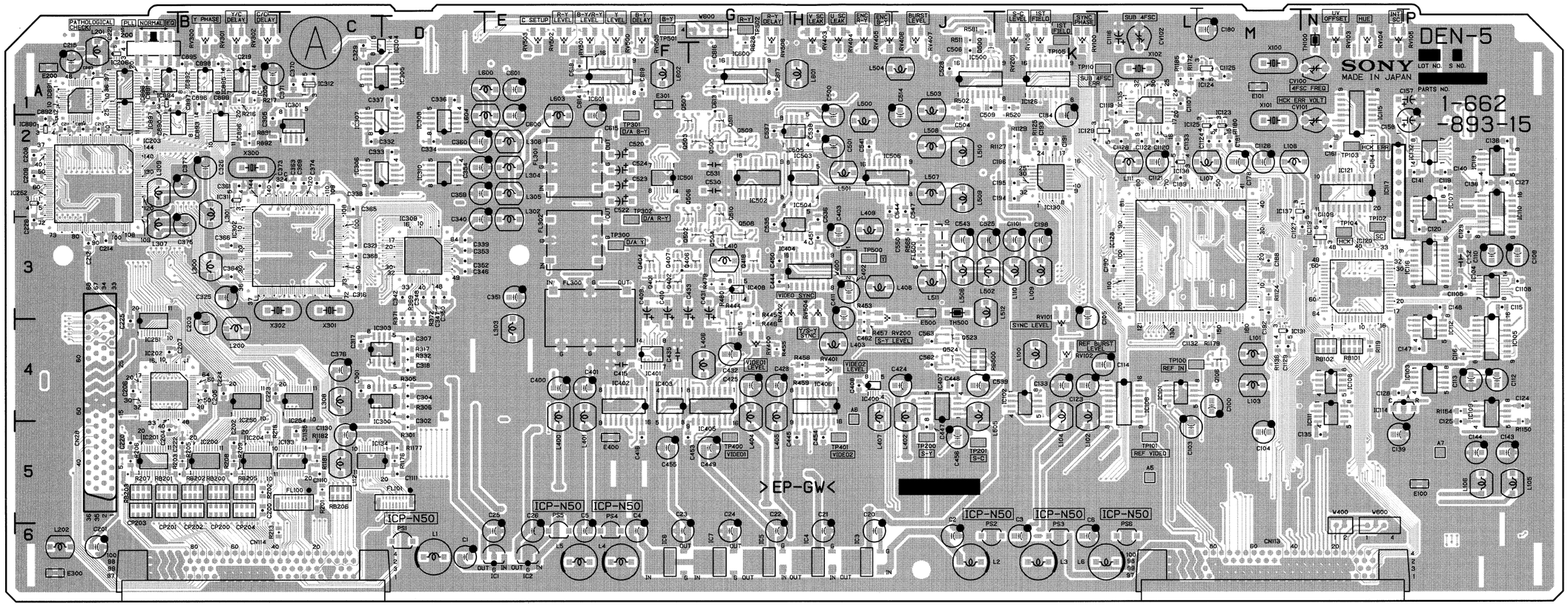
(DDE-4)

CN27	A3
CN105	N6
CN106	C6
CV300	L1
CV600	B3
CV601	B3
D1	* H6
D2	* P6
D3	* G6
D4	* P6
D5	* K6
D101	* N3
D200	* N2
D201	* N1
D300	* J2
D303	* L1
D304	* H2
D305	J3
D400	* J4
D402	G4
D403	* G3
D404	H4
D405	H5
D600	* A3
D601	* A3
D602	* B2
D603	B2
D900	* P4
E100	P4
E101	N3
E200	P1
E201	K4
E300	K1
E301	F1
E400	H3
E600	D6
E601	A2
FB200	* N3
FB400	* H5
FL100	P3
FL200	K3
FL201	K4
FL202	K5
FL500	D5
FL501	C5
FL502	C5
FL600	B5
FL601	A5
IC1	H6
IC2	P6
IC3	G6
IC4	P6
IC5	K6
IC100	M4
IC101	N4
IC102	P4
IC104	N4
IC200	N2
IC201	* M2
IC202	* M1
IC203	* M2
IC204	M1
IC205	* L2
IC206	L2
IC207	N1
IC208	M3
IC209	* M4
IC210	L3
IC211	L4
IC212	L5
IC300	* J2
IC301	K1
IC302	J2
IC303	K1
IC304	K1
IC305	G1
IC306	* K2
IC307	* H2
IC308	H2
IC309	K2
IC310	G2
IC311	H1
IC312	G2
IC313	G2
IC400	F3
IC401	* K4
IC402	H4
IC403	G5
IC404	H3
IC405	H3
IC406	G4
IC407	G4
IC408	G3
IC410	H4
IC420	F3
IC500	C3
IC501	F3
IC502	F4
IC503	D4
IC504	D3
IC506	D3
IC507	D5
IC508	D5
IC509	F4
IC510	C5
IC511	C5
IC600	E2
IC601	D2
IC602	E2
IC603	B4
IC604	D2
IC605	C2
IC606	E1
IC607	D2
IC608	D1
IC609	* A2
IC610	B3
IC611	D2
IC612	* B2
IC613	C2
IC614	C3
IC615	C1
IC616	B5
IC617	A5
IC618	C1
IC619	B2
IC620	B1
IC621	B1
IC622	B1
IC623	B1
IC624	B1
IC625	B1
IC626	B2
IC627	B1
IC628	B1
IC629	B1
IC630	B1
IC900	P2
IC901	* P2
L1	H6
L2	L6
L3	F6
L4	K6
L5	A6
L6	E6
L100	N5
L101	N5
L102	P5
L103	M5
L104	M5
L200	P1
L201	N3
L202	L3
L203	L4
L204	L5
L205	L5
L206	L5
L300	G2
L301	K2
L302	H2
L303	J2
L304	J2
L305	L2
L306	L2
L307	K1
L308	K1
L309	K3
L310	H1
L311	J3
L312	J1
L400	K5
L401	J5
L402	J5
L500	E5
L502	D6
L503	D5
L600	A3
L601	A3
L602	A2
L603	B2
L604	F2
L605	F2
L606	B5
L900	P1
PS1	H6
PS2	L6
PS3	F6
PS4	J6
PS5	A6
PS6	E6
Q100	* N4
Q101	P4
Q102	* M4
Q103	* M4
Q104	* N4
Q105	* N4
Q106	* N3
Q107	* N3
Q108	* N4
Q109	* P4
Q110	* N3
Q111	* N2
Q112	* M4
Q113	* P3
Q118	* P5
Q121	* N4
Q200	* N1
Q201	* L3
Q202	* L3
Q203	* L4
Q300	* G3
Q301	* G3
Q302	* K2
Q303	* K2
Q304	* K2
Q305	* H2
Q306	* J2
Q307	* J2
Q308	* J2
Q309	* L3
Q310	* L1
Q311	* J3
Q312	* L1
Q313	* K1
Q314	* L3
Q315	* K1
Q316	* H3
Q317	* K1
Q318	* H1
Q319	* H1
Q320	* H1
Q400	* K4
Q401	* K4
Q402	* K4
Q403	* K4
Q404	* K4
Q405	* J4
Q406	* J3
Q407	* J4
Q408	* J4
Q409	* J5
Q410	* J5
Q412	* J4
Q413	* J4
Q414	* J4
Q415	* J4
Q417	* J4
Q418	* J5
Q420	* H4
Q421	* H5
Q422	* H4
Q423	* H4
Q424	* H5
Q425	* H4
Q600	* C2
Q900	* P4
Q901	* N4
Q902	* P3
RB200	M2
RB201	M2
RB300	* H1
RB301	* H1
RB500	* D4
RB501	* D4
RB502	* D4
RB503	* D4
RB504	* D4
RB505	* C4
RB506	* C4
RB507	D5
RB600	* B4
RB601	* B4
RV100	N3
RV200	M4
RV201	M4
RV202	M4
RV300	J2
RV301	G2
RV400	J3
RV401	J5
RV402	J4
RV403	J3
RV404	K5
RV405	K5
RV406	J5
RV407	K4
RV408	K4
RV409	J4
RV600	D1
S200	N1
TH200	M4
TP100	N5
TP101	M5
TP102	M5
TP103	N5
TP104	P5
TP105	N5
TP106	M4
TP200	P2
TP300	J1
TP301	L1
TP302	J2
TP303	H1
TP304	G1
TP305	G1
TP306	H1
TP400	G3
TP401	G4
TP402	G4
TP500	D3
TP501	D3
TP502	D3
TP503	C4
TP504	C3
TP505	C3
TP506	C3
TP507	C3
TP600	A4
TP601	B2
TP602	B5
TP603	B5
TP604	B5
TP605	B5
X300	L1
X301	J1
X600	B4
X901	P3



DDE-4/4P -B SIDE-
SUFFIX : -13
MODEL DSR-85/85P

DEN-5/5P : VIDEO OUTPUT PROCESS

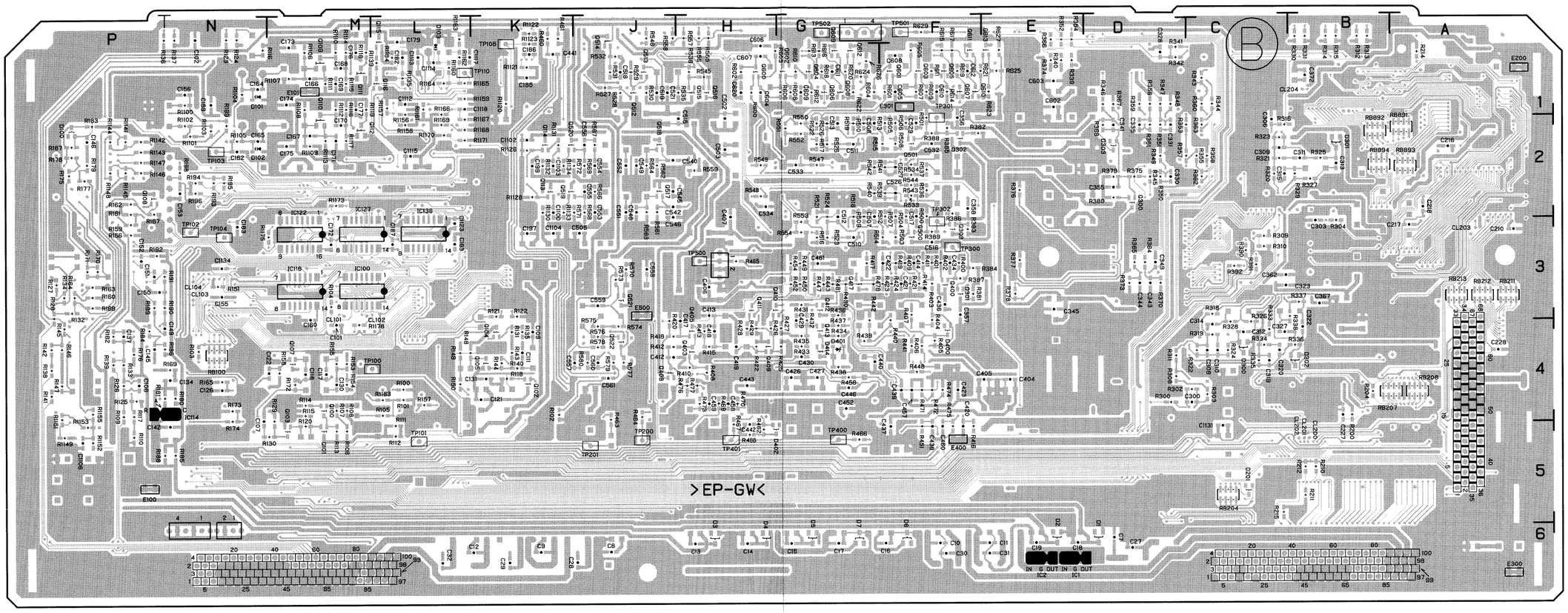


DEN-5/5P -A SIDE-
SUFFIX : -15
MODEL DSR-85/85P

DEN-5/5P (1-662-893-15)

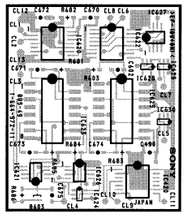
*: B SIDE

CN28	A5	D500	J1	IC109	P4	IC203	A2	IC503	H2	L111	L2	L507	J2	Q114	* K2	Q508	G3	RB101	N4	RV401	H4	TP401	H5
CN113	N6			IC110	P2	IC204	B5	IC504	H3	L112	C5	L508	J2	Q115	* L1	Q509	G2	RB102	N4	RV402	H3	TP500	H3
CN114	C6	E100	P5	IC111	N4	IC205	B1	IC505	H2	L200	B4	L509	J2	Q116	* L1	Q510	G2	RB200	B5	RV403	H1	TP501	F1
		E101	M1	IC112	P4	IC206	A1	IC506	H2	L201	A1	L510	J2	Q300	* D2	Q511	G2	RB201	A5	RV404	H1	TP502	G1
CP200	B5	E200	A1	IC113	P2	IC250	B4	IC600	G1	L202	A6	L511	J3	Q301	* F3	Q512	* J1	RB202	B5	RV405	H1		
CP201	A5	E300	A6	IC114	N4	IC251	A4	IC601	F1	L300	B3	L512	J3	Q302	* F2	Q513	* J1	RB203	A5	RV406	H1	W400	H3
CP202	B5	E301	F1	IC115	N1	IC252	A2	IC890	A2	L301	B2	L600	D1	Q303	* F3	Q514	* J1	RB204	* C5	RV407	J1	W400Z	N6
CP203	A5	E400	F5	IC116	P3	IC254	C4	IC891	A1	L302	E3	L601	H1	Q400	* F3	Q515	* H1	RB205	B5	RV500	F1	W600	G1
CP204	B5	E500	J3	IC117	N2	IC300	C4	IC892	A1	L303	E4	L602	F1	Q401	F3	Q516	* H1	RB206	C5	RV501	F1	W600Z	N6
				IC118	* M3	IC301	C2	IC893	B2	L304	E2	L603	E2	Q402	F3	Q517	* J2	RB207	* A4	RV502	E1		
CV100	N1	FL100	C5	IC119	N3	IC302	C3	IC894	A1	L305	E2	L604	D2	Q403	* H4	Q518	* J2	RB208	* A4	RV503	E1	X100	M1
CV101	N2	FL101	D5	IC120	N3	IC303	C4	IC895	B1	L306	E2			Q404	F3	Q519	* K2	RB211	* A3	RV504	H3	X101	M2
CV102	L1	FL300	F3	IC121	N2	IC304	C1	IC896	B2	L307	A3	PS1	D6	Q405	* H4	Q520	* K2	RB212	* A3	RV505	F1	X102	L1
		FL301	E2	IC122	* M3	IC305	C1	IC897	A2	L308	C4	PS2	K6	Q406	G3	Q521	* J3	RB213	* A3	RV506	G1	X300	B2
D1	* D6	FL302	E3	IC123	M2	IC306	C2	IC898	A1	L309	A2	PS3	K6	Q407	F3	Q522	* J4	RB500	J4			X301	C3
D2	* E6	FL500	J3	IC124	M1	IC307	C2			L400	E5	PS4	F6	Q408	* J4	Q523	J4	RB891	* A2	S200	A1	X302	B3
D3	* H6			IC125	M2	IC308	D2	L1	D6	L401	E5	PS5	E6	Q409	* H4	Q524	J4	RB892	* B2				
D4	* H6	IC1	E6	IC126	K1	IC309	D3	L2	J6	L402	J5	PS6	L6	Q410	* H3	Q600	* H1	RB893	* A2	TH100	N1		
D5	* G6	IC2	E6	IC127	* M3	IC310	D2	L3	K6	L403	H4			Q411	* H3	Q601	* F1	RB894	* B2	TH500	J3		
D6	* F6	IC3	H6	IC128	L3	IC311	B2	L4	F6	L404	G5	Q100	* M4	Q412	* G3	Q602	* G1						
D7	* G6	IC4	H6	IC129	L2	IC312	C1	L5	E6	L405	G5	Q101	* M5	Q413	* G4	Q603	* F1	RV100	K1	TP100	L4		
D100	* P2	IC5	G6	IC130	K2	IC400	H4	L6	L6	L406	G4	Q102	* K4	Q414	* G4	Q604	* G1	RV101	K4	TP101	L5		
D101	* N1	IC6	F6	IC131	M4	IC401	F4	L100	K4	L407	H5	Q103	* M5	Q415	G4	Q605	* F1	RV102	K4	TP102	N3		
D102	* N2	IC7	G6	IC132	P2	IC402	F4	L101	M4	L408	H3	Q104	* K4	Q416	G3	Q606	* G1	RV103	N1	TP103	N2		
D103	* L1	IC100	* M3	IC133	C5	IC403	F4	L102	K4	L409	H3	Q105	* K4	Q417	* G3	Q607	* F1	RV104	N1	TP104	N3		
D201	* C5	IC101	L4	IC134	C5	IC404	H3	L103	M4	L410	G3	Q106	M4	Q500	* F3	Q608	* G1	RV105	N1	TP105	K1		
D300	* C4	IC102	K4	IC135	L1	IC405	G4	L104	K4	L500	H2	Q107	* M4	Q501	* F2	Q609	* G1	RV106	K1	TP110	L1		
D301	* B2	IC103	P4	IC136	* L3	IC406	H4	L105	P5	L501	H2	Q108	* P2	Q502	G3	Q610	* F1	RV200	H3	TP200	J5		
D302	* B4	IC104	P3	IC137	M2	IC407	J4	L106	P5	L502	J3	Q109	* M1	Q503	G2	Q611	* F1	RV201	K1	TP201	J5		
D303	* D2	IC105	P4	IC138	L2	IC408	G3	L107	M2	L503	J1	Q110	* M2	Q504	G3	Q612	* G1	RV300	B1	TP300	F3		
D400	* F4	IC106	L4	IC200	B5	IC500	J1	L108	M2	L504	J1	Q111	* M1	Q505	G2	Q613	* E1	RV301	B1	TP301	F2		
D401	* G4	IC107	P2	IC201	A5	IC501	F2	L109	K3	L505	J4	Q112	* M2	Q506	F2			RV302	B1	TP302	F3		
D402	* H5	IC108	N4	IC202	A4	IC502	G2	L110	K3	L506	J3	Q113	* K2	Q507	F2	RB100	* N4	RV400	G4	TP400	G5		

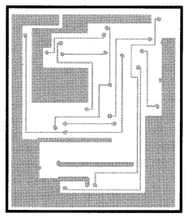


DEN-5/5P -B SIDE-
SUFFIX : -15
MODEL DSR-85/85P

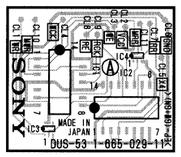
DUS-49, DUS-53



DUS-49 -A SIDE-
SUFFIX : -11
MODEL DSR-85/85P



DUS-49 -B SIDE-
SUFFIX : -11
MODEL DSR-85/85P



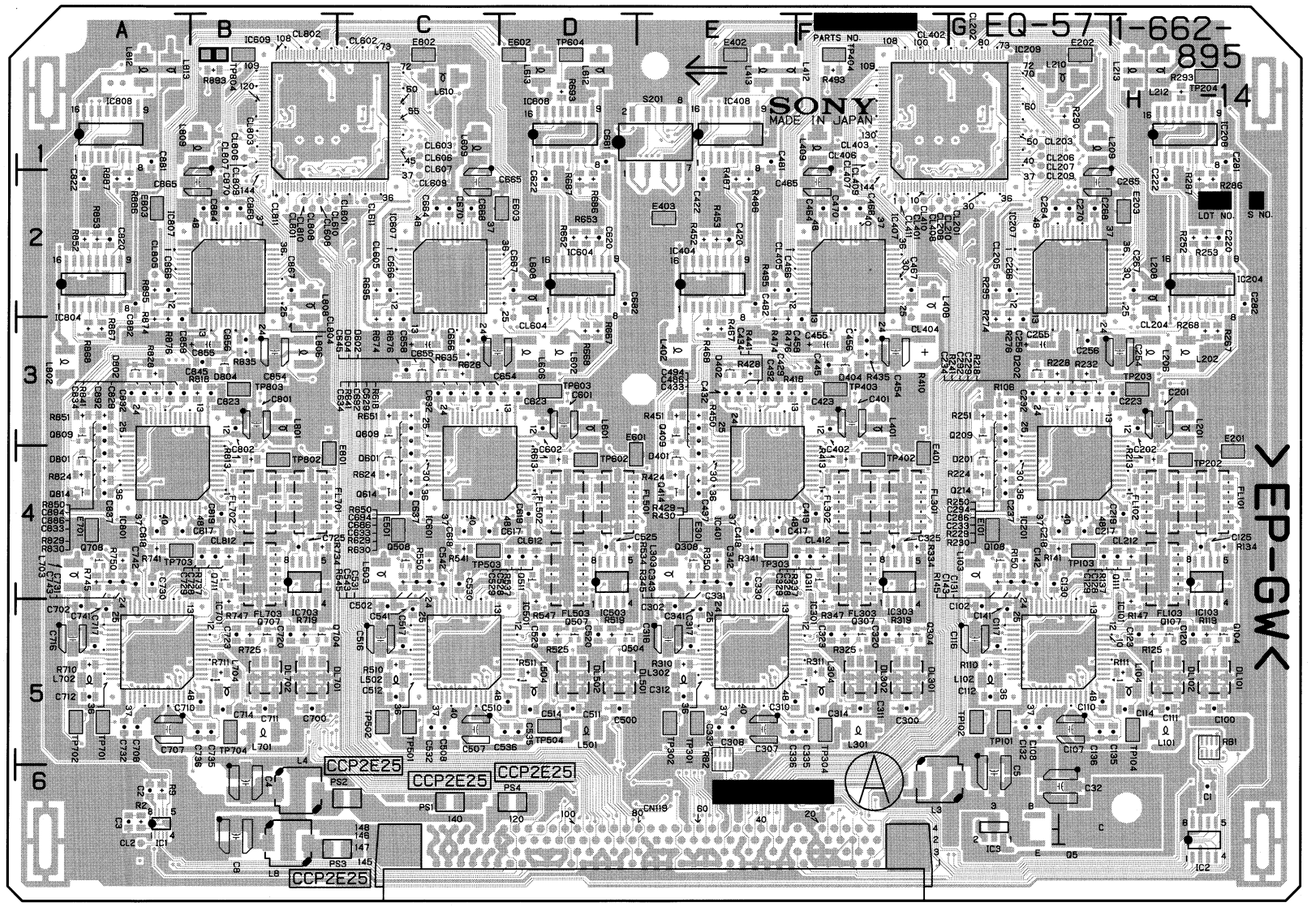
DUS-53 -A SIDE-
SUFFIX : -11
MODEL DSR-85/85P

EQ-57 : RF DATA PROCESS

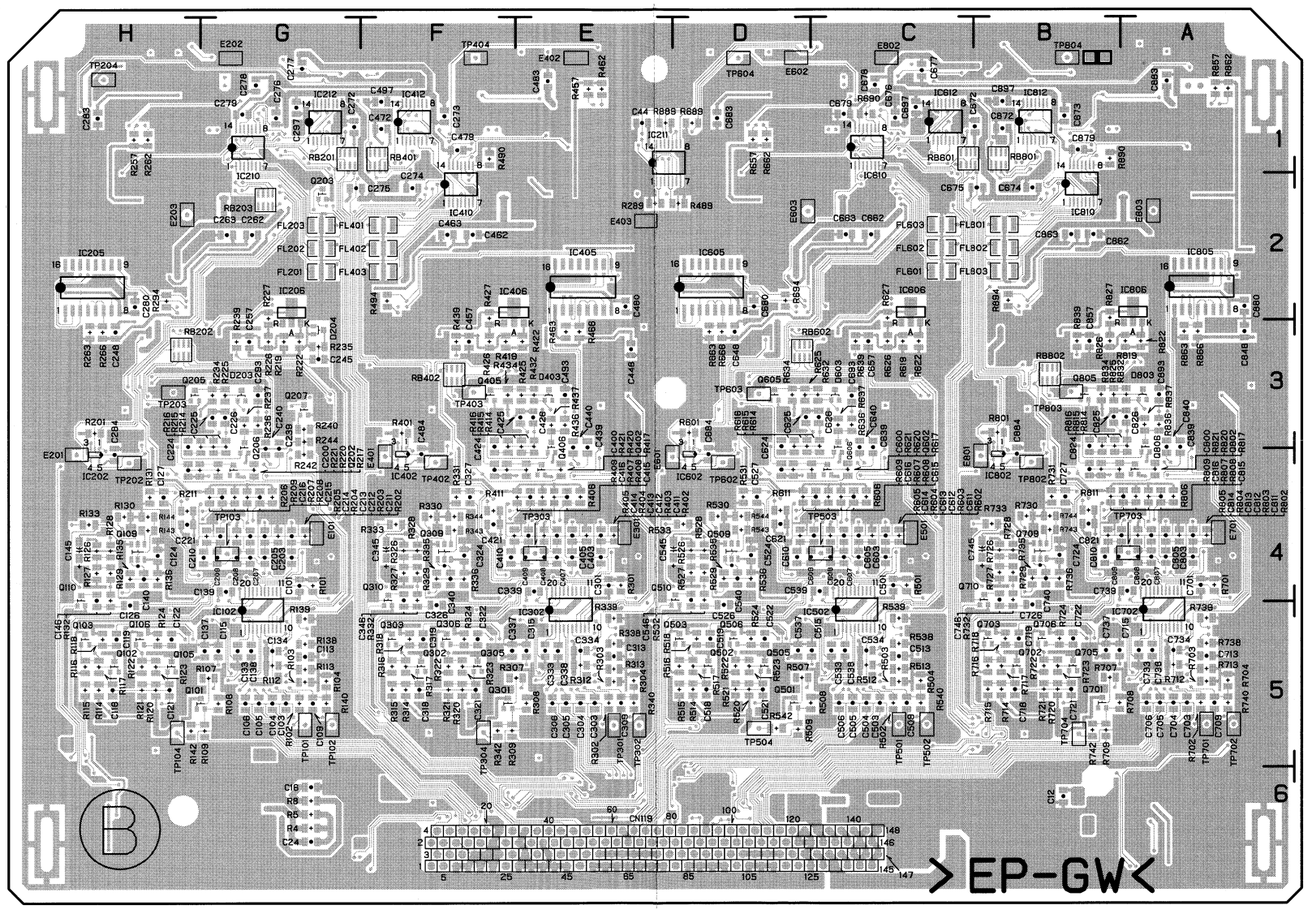
EQ-57 (1-662-895-14)

*: B SIDE

CN119	F6	IC401	E4	Q101	* G5	TP303	E4
		IC402	* F4	Q102	* H5	TP304	F5
DL101	H5	IC404	E2	Q103	* H5	TP402	F4
DL102	H5	IC405	* E2	Q104	H5	TP403	F3
DL301	F5	IC406	* F2	Q105	* H5	TP404	F1
DL302	F5	IC407	F2	Q106	* H5	TP501	C5
DL501	D5	IC408	E1	Q107	H5	TP502	C5
DL502	D5	IC410	* F2	Q108	G4	TP503	C4
DL701	B5	IC412	* F1	Q109	* H4	TP504	D5
DL702	B5	IC501	C5	Q110	* H4	TP602	D4
		IC502	* C5	Q111	H4	TP603	D3
D201	G4	IC503	D4	Q202	* G4	TP604	D1
D202	G3	IC601	C4	Q203	* G2	TP701	A5
D203	* G3	IC602	* D4	Q205	* H3	TP702	A5
D204	* G3	IC604	D2	Q206	* G3	TP703	A4
D401	E4	IC605	* D2	Q207	* G3	TP704	B5
D402	E3	IC606	* C2	Q209	G3	TP802	B4
D403	* E3	IC607	C2	Q214	G4	TP803	B3
D404	F3	IC608	D1	Q301	* F5	TP804	B1
D601	C4	IC609	B1	Q302	* F5		
D602	C3	IC610	* C1	Q303	* F5		
D603	* C3	IC612	* C1	Q304	F5		
D604	C3	IC701	A5	Q305	* F5		
D801	A4	IC702	* A5	Q306	* F5		
D802	A3	IC703	B4	Q307	F5		
D803	* A3	IC801	A4	Q308	E4		
D804	B3	IC802	* B4	Q309	* F4		
		IC804	A2	Q310	* F4		
E101	G4	IC805	* A2	Q311	F4		
E201	H4	IC806	* A2	Q402	* E4		
E202	G1	IC807	B2	Q405	* F3		
E203	H2	IC808	A1	Q406	* E3		
E301	E4	IC810	* B2	Q409	E3		
E401	F4	IC812	* B1	Q414	E4		
E402	E1			Q501	* D5		
E403	E2	L3	F6	Q502	* D5		
E501	C4	L4	B6	Q503	* D5		
E601	E4	L8	B6	Q504	D5		
E602	D1	L101	H5	Q505	* D5		
E603	D2	L102	G5	Q506	* D5		
E701	A4	L103	G4	Q507	D5		
E801	B4	L104	H5	Q508	C4		
E802	C1	L201	H3	Q509	* D4		
E803	A2	L202	H3	Q510	* D4		
		L206	H3	Q511	D4		
FL101	H4	L208	H2	Q602	* C4		
FL102	H4	L209	G1	Q605	* D3		
FL103	H4	L210	G1	Q606	* C3		
FL201	* G2	L212	H1	Q609	C3		
FL202	* G2	L213	H1	Q614	C4		
FL203	* G2	L301	F5	Q701	* B5		
FL301	F4	L302	E5	Q702	* B5		
FL302	F4	L303	E4	Q703	* B5		
FL303	F4	L304	F5	Q704	B5		
FL401	* F2	L401	F3	Q705	* B5		
FL402	* F2	L402	E3	Q706	* B5		
FL403	* F2	L408	F2	Q707	B5		
FL501	D4	L409	F1	Q708	A4		
FL502	D4	L412	E1	Q709	* B4		
FL503	D4	L413	E1	Q710	* B4		
FL601	* C2	L501	D5	Q711	B4		
FL602	* C2	L502	C5	Q802	* A4		
FL603	* C2	L503	C4	Q805	* B3		
FL701	B4	L504	D5	Q806	* A3		
FL702	B4	L601	D3	Q809	A3		
FL703	B4	L602	D3	Q814	A4		
FL801	* B2	L606	D3				
FL802	* B2	L608	D2	RB1	H5		
FL803	* B2	L609	C1	RB2	E5		
		L610	C1	RB201	* G1		
IC1	A6	L612	D1	RB202	* H3		
IC2	H6	L613	D1	RB203	* G2		
IC3	G6	L701	B5	RB401	* F1		
IC101	G5	L702	A5	RB402	* F3		
IC102	* G5	L703	A4	RB601	* C1		
IC103	H4	L704	B5	RB602	* D3		
IC201	G4	L801	B3	RB801	* B1		
IC202	* H4	L802	A3	RB802	* B3		
IC204	H2	L806	B3				
IC205	* H2	L808	B2	S201	E1		
IC206	* G2	L809	B1				
IC207	G2	L812	A1	TP101	G5		
IC208	H1	L813	A1	TP102	G5		
IC209	G1			TP103	G4		
IC210	* G1	PS1	C6	TP104	H5		
IC211	* E1	PS2	C6	TP202	H4		
IC212	* G1	PS3	C6	TP203	H3		
IC301	E5	PS4	D6	TP204	H1		
IC302	* E5			TP301	E5		
IC303	F4	Q5	G6	TP302	E5		

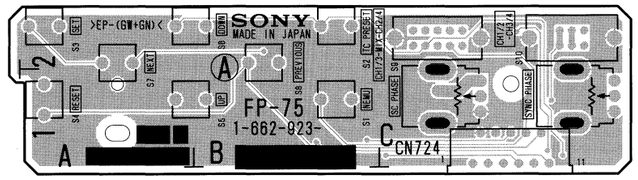


EQ-57 -A SIDE-
SUFFIX : -14
MODEL DSR-85/85P

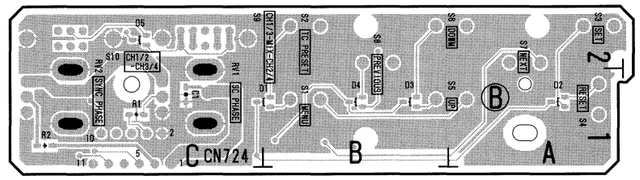


EQ-57 -B SIDE-
SUFFIX : -14
MODEL DSR-85/85P

FP-75 : SUB PANEL SWITCH
HP-73 : HP VOLUME/CONNECTOR



FP-75 -A SIDE-
SUFFIX : -11, 12
MODEL DSR-85/85P

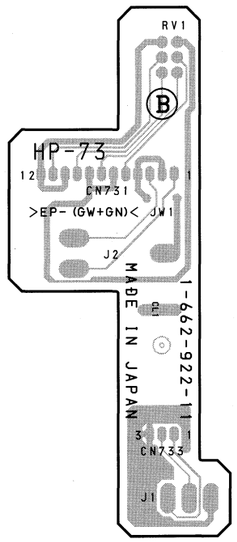


FP-75 -B SIDE-
SUFFIX : -11, 12
MODEL DSR-85/85P

FP-75 (1-662-923-11,12)

*: B SIDE

CN724	C1
D1	* B1
D2	* A1
D3	* B1
D4	* B1
D5	* C2
RV1	C1
RV2	C1
S1	B1
S2	B2
S3	A2
S4	A1
S5	A1
S6	A2
S7	A2
S8	B2
S9	C2
S10	C2



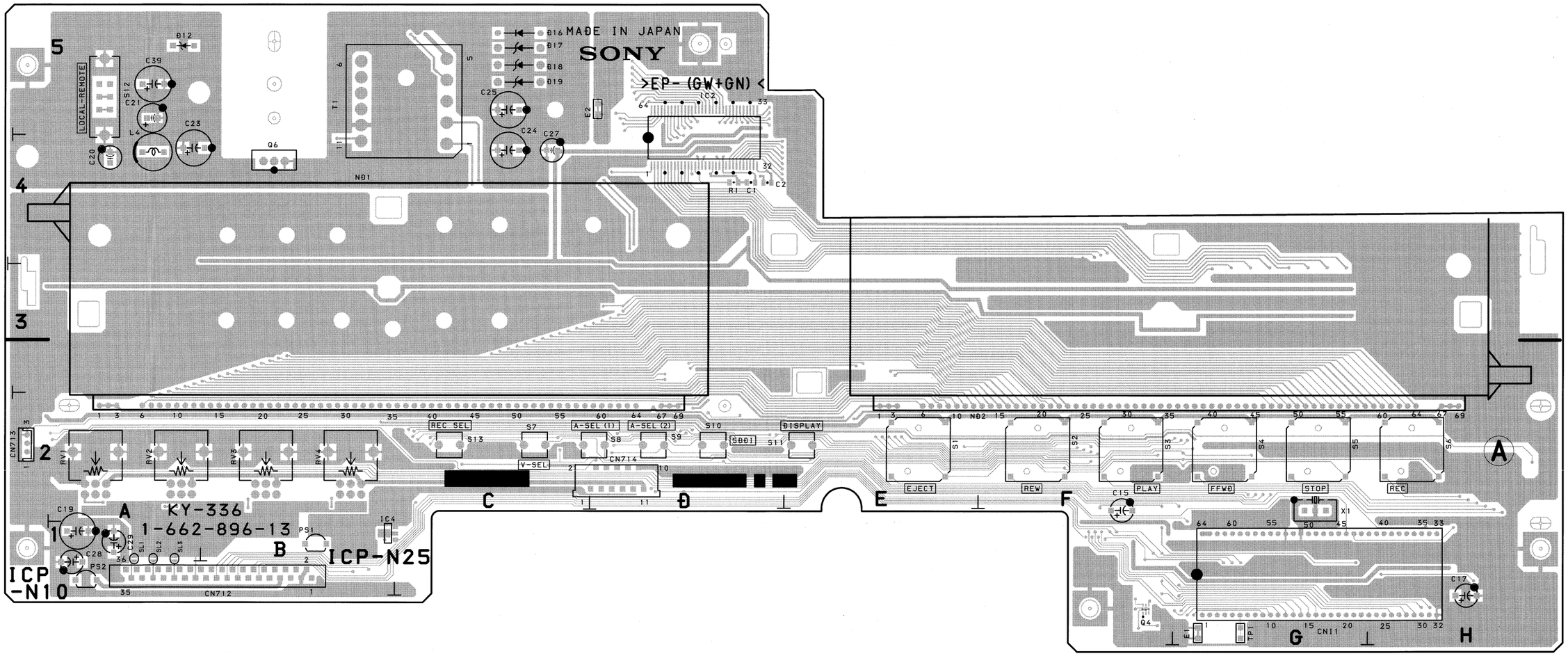
HP-73 -B SIDE-
SUFFIX : -11
MODEL DSR-85/85P

HP-73 (1-662-922-11)

*: B SIDE

CN731	A1
CN733	A1
JW1	A1
J1	A1
J2	A1
RV1	A1

KY-336 : KEY BOARD

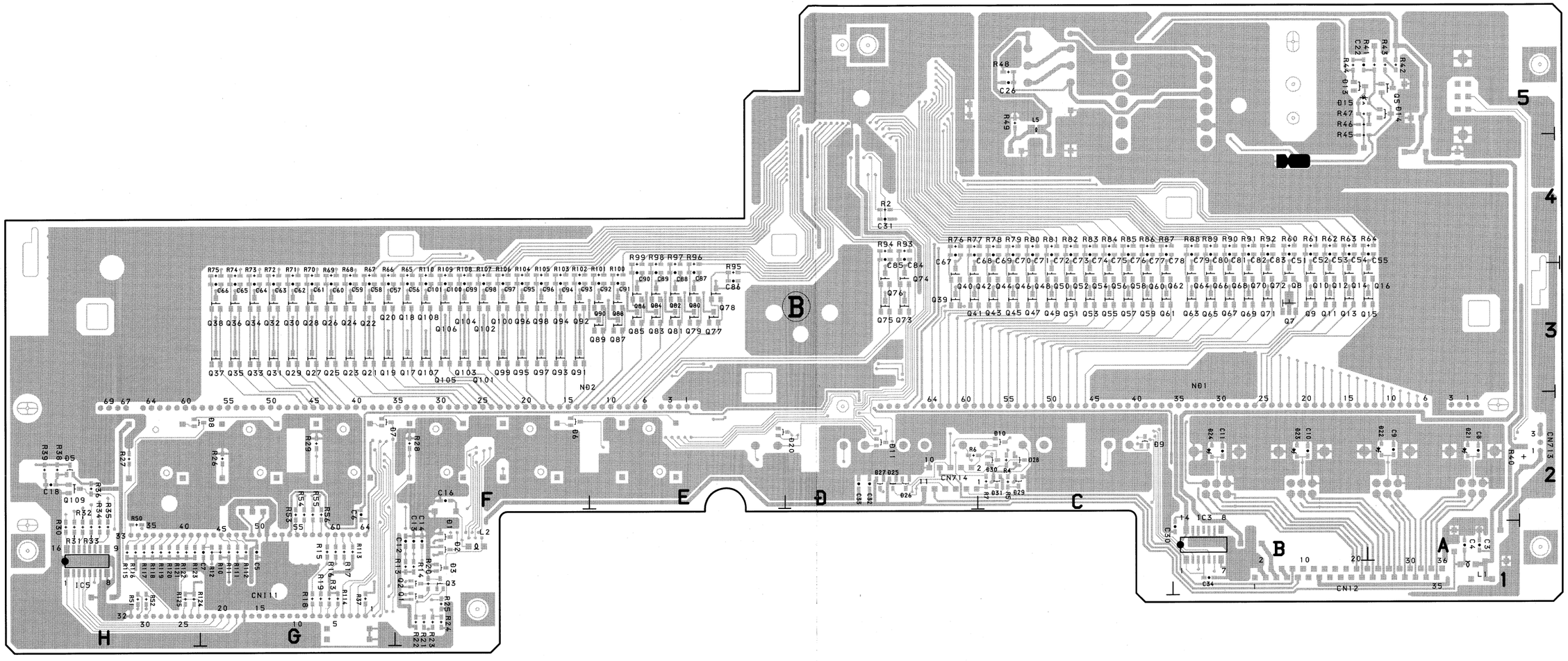


KY-336 -A SIDE-
SUFFIX : -13
MODEL DSR-85/85P

KY-336 (1-662-896-13)

*: B SIDE

CN712	B1	D15	* B5	E1	G1	PS2	A1	Q16	* A3	Q33	* G3	Q50	* C3	Q67	* B3	Q84	* E3	Q101	* F3	S3	F2
CN713	A2	D16	C5					Q17	* F3	Q34	* G3	Q51	* C3	Q68	* B3	Q85	* E3	Q102	* F3	S4	G2
CN714	D2	D17	C5	IC1	G1	Q1	* F1	Q18	* F3	Q35	* G3	Q52	* C3	Q69	* B3	Q86	* E3	Q103	* F3	S5	G2
		D18	C5	IC2	D4	Q2	* F1	Q19	* G3	Q36	* G3	Q53	* C3	Q70	* B3	Q87	* E3	Q104	* F3	S6	H2
D1	* F1	D19	C5	IC3	* B1	Q3	* F1	Q20	* G3	Q37	* G3	Q54	* C3	Q71	* B3	Q88	* E3	Q105	* F3	S7	C2
D2	* F1	D20	* E2	IC4	B1	Q4	F1	Q21	* G3	Q38	* G3	Q55	* C3	Q72	* B3	Q89	* E3	Q106	* F3	S8	D2
D3	* F1	D21	* A2	IC5	* H1	Q5	* A5	Q22	* G3	Q39	* D3	Q56	* C3	Q73	* D3	Q90	* E3	Q107	* F3	S9	D2
D5	* H2	D22	* A2			Q6	B4	Q23	* G3	Q40	* D3	Q57	* C3	Q74	* D3	Q91	* F3	Q108	* F3	S10	D2
D6	* F2	D23	* B2	L1	* A1	Q7	* B3	Q24	* G3	Q41	* D3	Q58	* C3	Q75	* D3	Q92	* F3	Q109	* H2	S11	E2
D7	* G2	D24	* B2	L2	* F1	Q8	* B3	Q25	* G3	Q42	* D3	Q59	* C3	Q76	* D3	Q93	* F3			S12	A5
D8	* H2	D25	* D2	L4	A4	Q9	* B3	Q26	* G3	Q43	* C3	Q60	* C3	Q77	* E3	Q94	* F3	RV1	A2	S13	C2
D9	* C2	D26	* D2	L5	* C5	Q10	* B3	Q27	* G3	Q44	* C3	Q61	* C3	Q78	* E3	Q95	* F3	RV2	A2		
D10	* C2	D27	* D2			Q11	* B3	Q28	* G3	Q45	* C3	Q62	* C3	Q79	* E3	Q96	* F3	RV3	B2	TP1	G1
D11	* D2	D28	* C2	ND1	A2	Q12	* B3	Q29	* G3	Q46	* C3	Q63	* B3	Q80	* E3	Q97	* F3	RV4	B2		
D12	A5	D29	* C2	ND2	E2	Q13	* B3	Q30	* G3	Q47	* C3	Q64	* B3	Q81	* E3	Q98	* F3			T1	C4
D13	* B5	D30	* C2			Q14	* B3	Q31	* G3	Q48	* C3	Q65	* B3	Q82	* E3	Q99	* F3	S1	E2		
D14	* A5	D31	* C2	PS1	B1	Q15	* A3	Q32	* G3	Q49	* C3	Q66	* B3	Q83	* E3	Q100	* F3	S2	F2	X1	G2



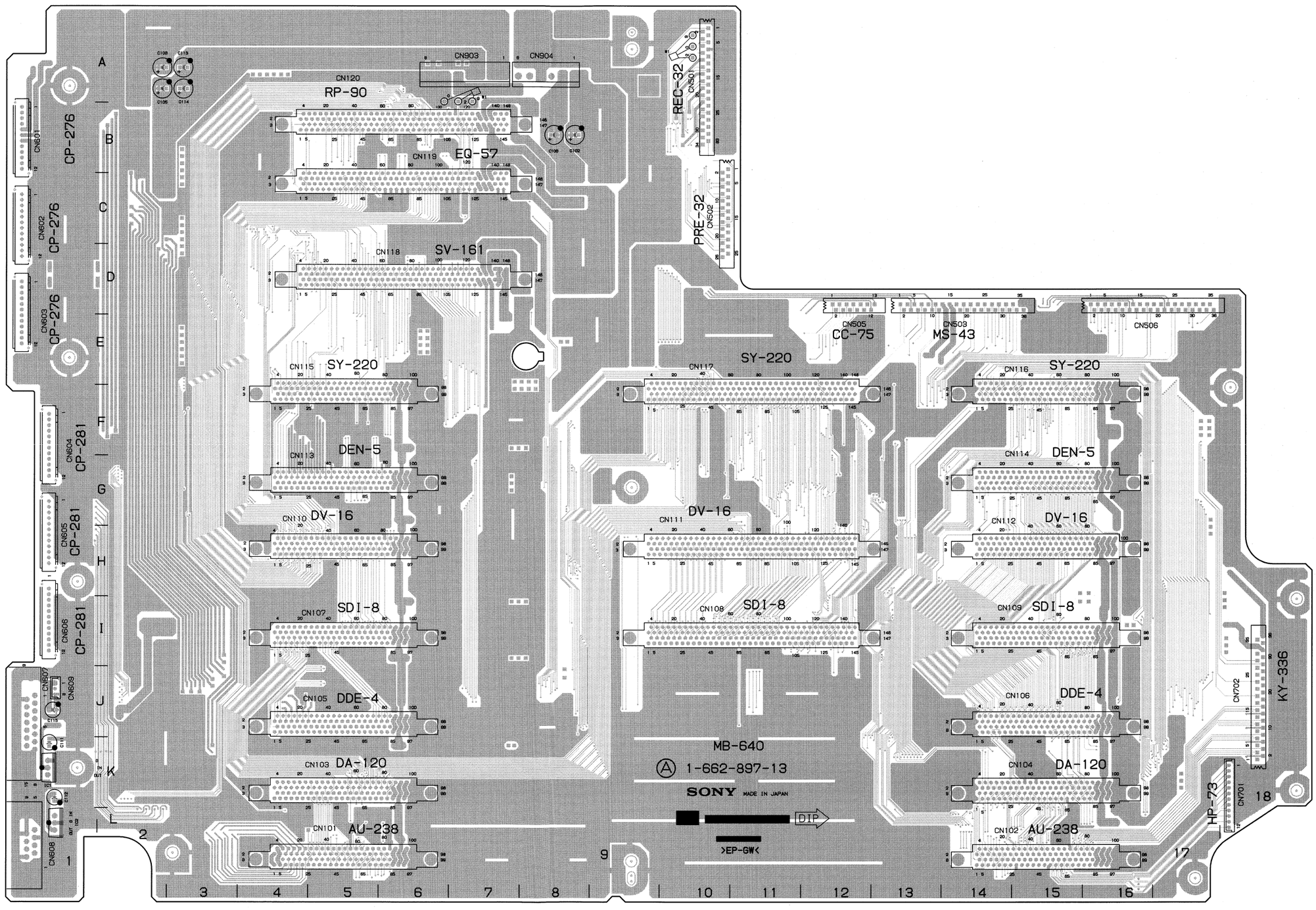
KY-336 -B SIDE-
SUFFIX : -13
MODEL DSR-85/85P

MB-640 : MOTHER BOARD

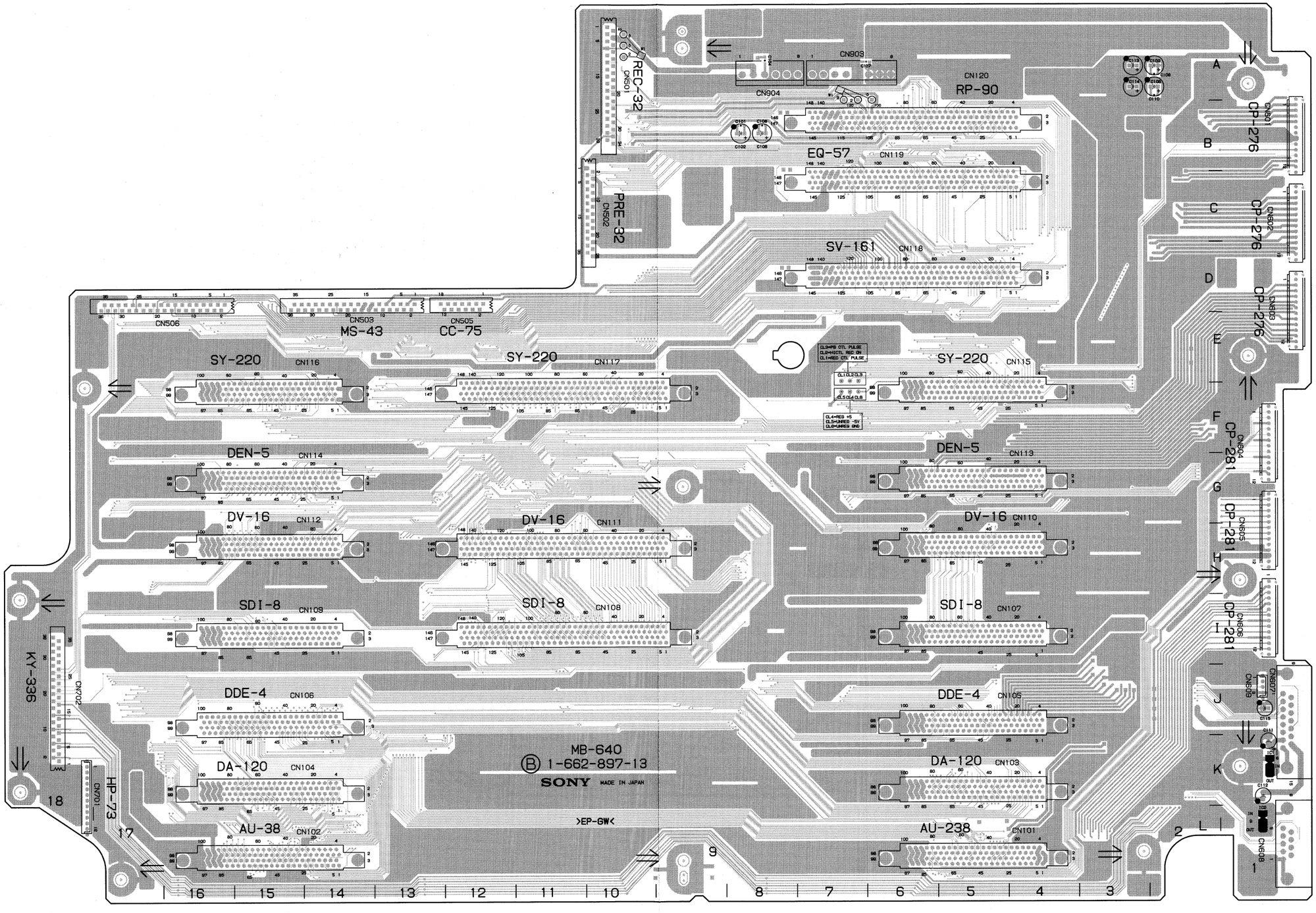
MB-640 (1-662-897-13)

*: B SIDE

CN101	L4
CN102	L14
CN103	K4
CN104	K14
CN105	J4
CN106	J14
CN107	I4
CN108	I9
CN109	I14
CN110	H4
CN111	H9
CN112	H14
CN113	G4
CN114	G14
CN115	F4
CN116	F14
CN117	F9
CN118	D4
CN119	C4
CN120	B4
CN501	A10
CN502	B10
CN503	D13
CN505	D12
CN506	D16
CN601	B1
CN602	C1
CN603	D1
CN604	F1
CN605	G1
CN606	H1
CN607	J1
CN608	L1
CN609	J1
CN701	K18
CN702	K18
CN903	A7
CN904	A8
IC1	K1
IC2	L1



MB-640 -A SIDE-
SUFFIX : -13
MODEL DSR-85/85P



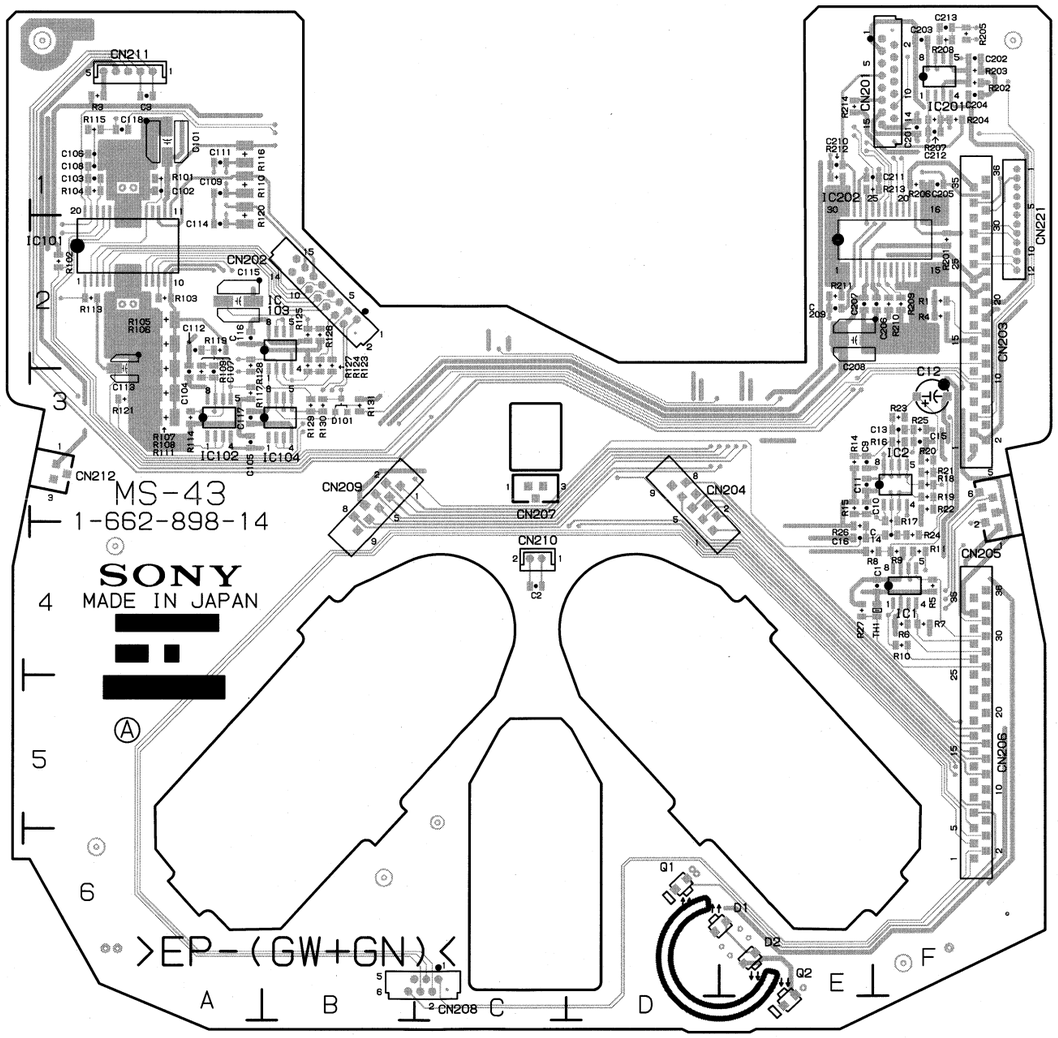
MB-640 -B SIDE-
SUFFIX : -13
MODEL DSR-85/85P

MS-43 : DRUM/CAPSTAN DRIVE

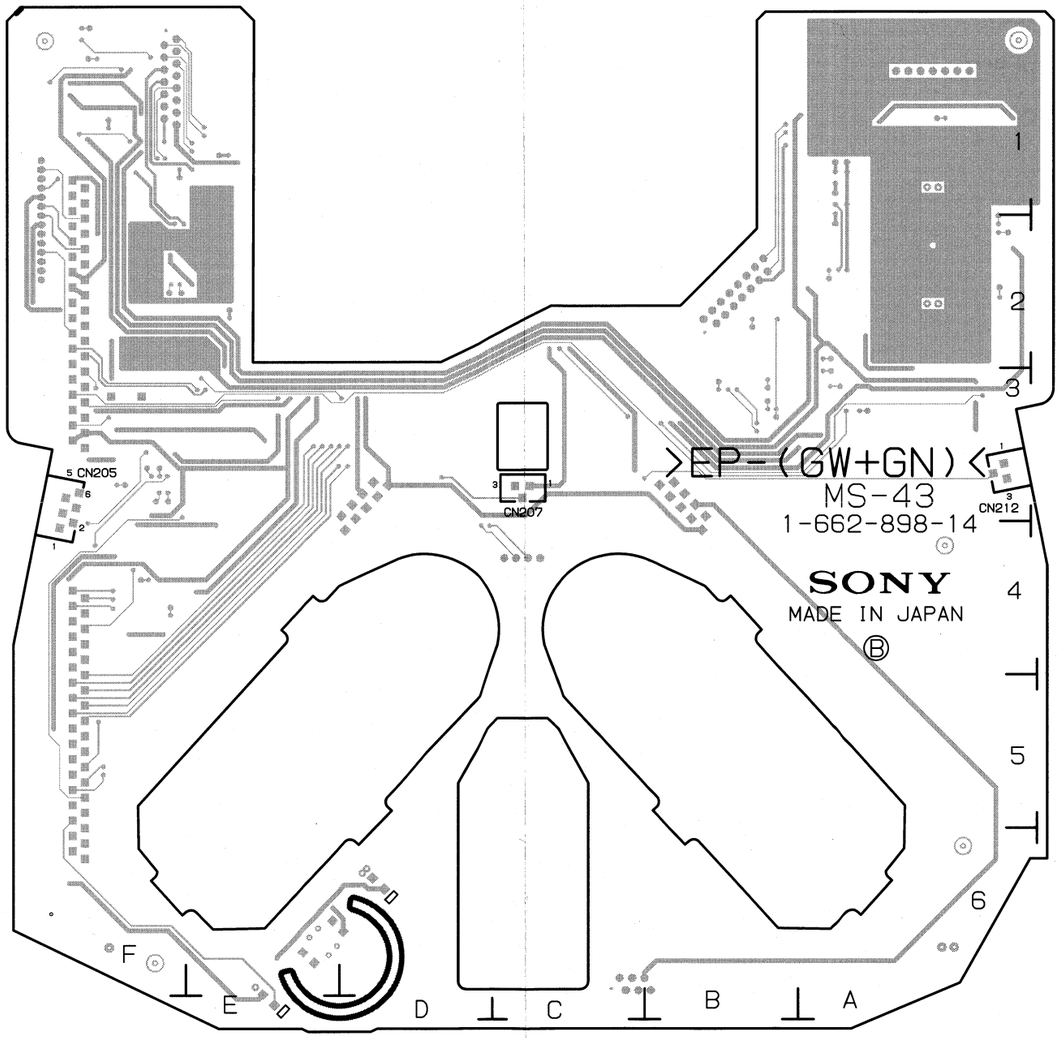
MS-43 (1-662-898-14)

*: B SIDE

CN201	F1
CN202	B2
CN203	F3
CN204	D4
CN205	F4
CN206	F6
CN207	C3
CN208	C6
CN209	B3
CN210	C4
CN211	A1
CN212	A3
CN221	F1
D1	D6
D2	E6
D101	B3
IC1	F4
IC2	F3
IC101	A2
IC102	A3
IC103	B2
IC104	B3
IC201	F1
IC202	F2
Q1	D6
Q2	E6
TH1	F4

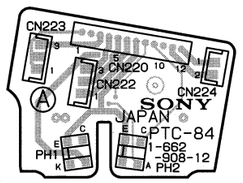


MS-43 -A SIDE-
SUFFIX : -14
MODEL DSR-85/85P



MS-43 -B SIDE-
SUFFIX : -14
MODEL DSR-85/85P

PTC-84 : TH/UNTH END SENSOR
PTC-85 : TAPE TOP SENSOR
PTC-86 : TAPE END SENSOR

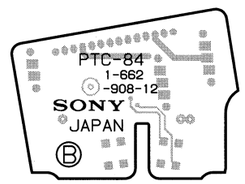


PTC-84 -A SIDE-
SUFFIX : -12
MODEL DSR-85/85P

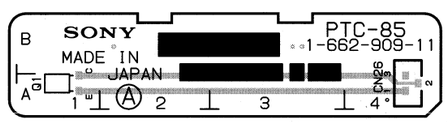
PTC-84 (1-662-908-12)

*: B SIDE

CN220	A1
CN222	A1
CN223	A1
CN224	A1
PH1	A1
PH2	A1



PTC-84 -B SIDE-
SUFFIX : -12
MODEL DSR-85/85P

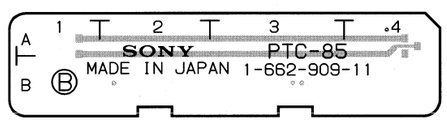


PTC-85 -A SIDE-
SUFFIX : -11
MODEL DSR-85/85P

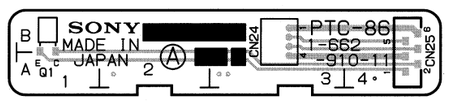
PTC-85 (1-662-909-11)

*: B SIDE

CN26	A4
Q1	A1



PTC-85 -B SIDE-
SUFFIX : -11
MODEL DSR-85/85P



PTC-86 -A SIDE-
SUFFIX : -11
MODEL DSR-85/85P

PTC-86 (1-662-910-11)

*: B SIDE

CN24	B3
CN25	A4
Q1	B1

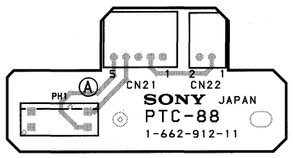
PTC-86 -B SIDE-
SUFFIX : -11
MODEL DSR-85/85P

PTC-87, PTC-88

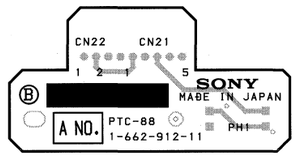
PTC-87 : TAPE TOP/END LED
PTC-88 : THREAD FG SENSOR

PTC-87 -A SIDE-
SUFFIX : -11
MODEL DSR-85/85P

PTC-87 -B SIDE-
SUFFIX : -11
MODEL DSR-85/85P

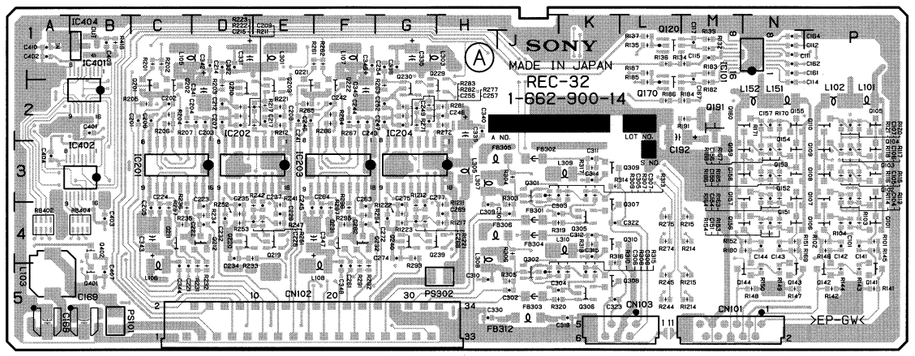


PTC-88 -A SIDE-
SUFFIX : -11
MODEL DSR-85/85P

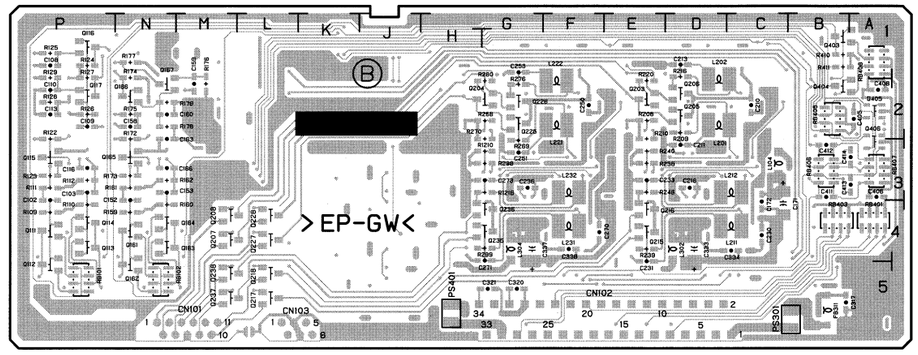


PTC-88 -B SIDE-
SUFFIX : -11
MODEL DSR-85/85P

REC-32 : RF REC/PB PROCESS



REC-32 -A SIDE-
SUFFIX : -14
MODEL DSR-85/85P



REC-32 -B SIDE-
SUFFIX : -14
MODEL DSR-85/85P

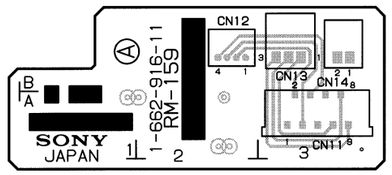
REC-32 (1-662-900-14)

*: B SIDE

CN101	A5	L305	A3	Q162	* A5	Q305	A4
CN102	A5	L307	A3	Q163	* A4	Q306	A5
CN103	A5	L308	A4	Q164	* A4	Q307	A4
		L309	A3	Q165	* A3	Q308	A5
FB301	A4	L310	A4	Q166	* A2	Q309	A3
FB302	A3			Q167	* A2	Q310	A4
FB303	A5	PS101	A5	Q170	A2	Q401	A5
FB304	A4	PS301	* A5	Q191	A2	Q402	A4
FB305	A3	PS302	A5	Q201	A2	Q403	* A1
FB306	A4	PS401	* A5	Q202	A2	Q404	* A2
FB311	* A5			Q203	* A2	Q405	* P2
FB312	A5	Q101	A4	Q204	* A2	Q406	* P3
		Q102	A3	Q205	* A2		
IC101	A1	Q103	A3	Q206	* A2	RB101	* A5
IC201	A3	Q104	A3	Q207	* A4	RB102	* A5
IC202	A3	Q105	A2	Q208	* A4	RB401	* P4
IC203	A3	Q106	A4	Q209	A2	RB402	P4
IC204	A3	Q107	A3	Q210	A2	RB403	* A4
IC401	A2	Q108	A3	Q211	A4	RB404	A4
IC402	A3	Q109	A3	Q212	A4	RB405	* A2
IC404	A1	Q110	A2	Q215	* A4	RB406	* A3
		Q111	* A4	Q216	* A4	RB407	* P3
L101	A2	Q112	* A5	Q217	* A5	RB408	* P1
L102	A2	Q113	* A4	Q218	* A5		
L103	P5	Q114	* A4	Q219	A4		
L104	* A3	Q115	* A3	Q220	A4		
L105	A1	Q116	* A1	Q221	A2		
L106	A5	Q117	* A2	Q222	A2		
L107	A1	Q120	A1	Q225	* A2		
L108	A5	Q141	A5	Q226	* A2		
L151	A2	Q142	A5	Q227	* A4		
L152	A2	Q143	A5	Q228	* A4		
L201	* A2	Q144	A5	Q229	A2		
L202	* A2	Q151	A4	Q230	A2		
L211	* A4	Q152	A3	Q231	A4		
L212	* A3	Q153	A3	Q232	A4		
L221	* A2	Q154	A3	Q235	* A4		
L222	* A2	Q155	A2	Q236	* A4		
L231	* A4	Q156	A4	Q237	* A5		
L232	* A3	Q157	A3	Q238	* A5		
L301	A1	Q158	A3	Q239	A4		
L302	* A4	Q159	A3	Q240	A4		
L303	A1	Q160	A2	Q301	A3		
L304	* A4	Q161	* A4	Q302	A5		

RM-159, RM-160

RM-159 : S REEL CONNECTION
RM-160 : T REEL CONNECTION



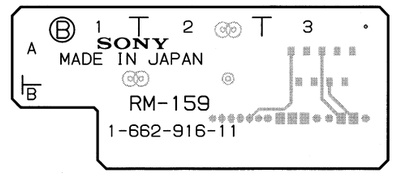
RM-159 -A SIDE-

SUFFIX : -11
MODEL DSR-85/85P

RM-159 (1-662-916-11)

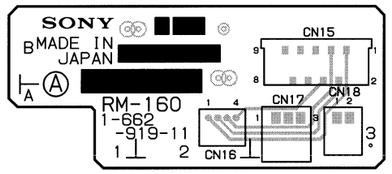
*: B SIDE

CN11	A3
CN12	B2
CN13	B3
CN14	B3



RM-159 -B SIDE-

SUFFIX : -11
MODEL DSR-85/85P



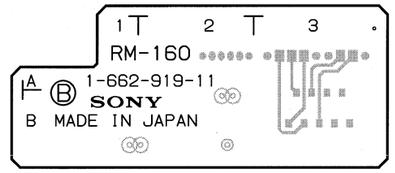
RM-160 -A SIDE-

SUFFIX : -11
MODEL DSR-85/85P

RM-160 (1-662-919-11)

*: B SIDE

CN15	B3
CN16	A2
CN17	A3
CN18	A3



RM-160 -B SIDE-

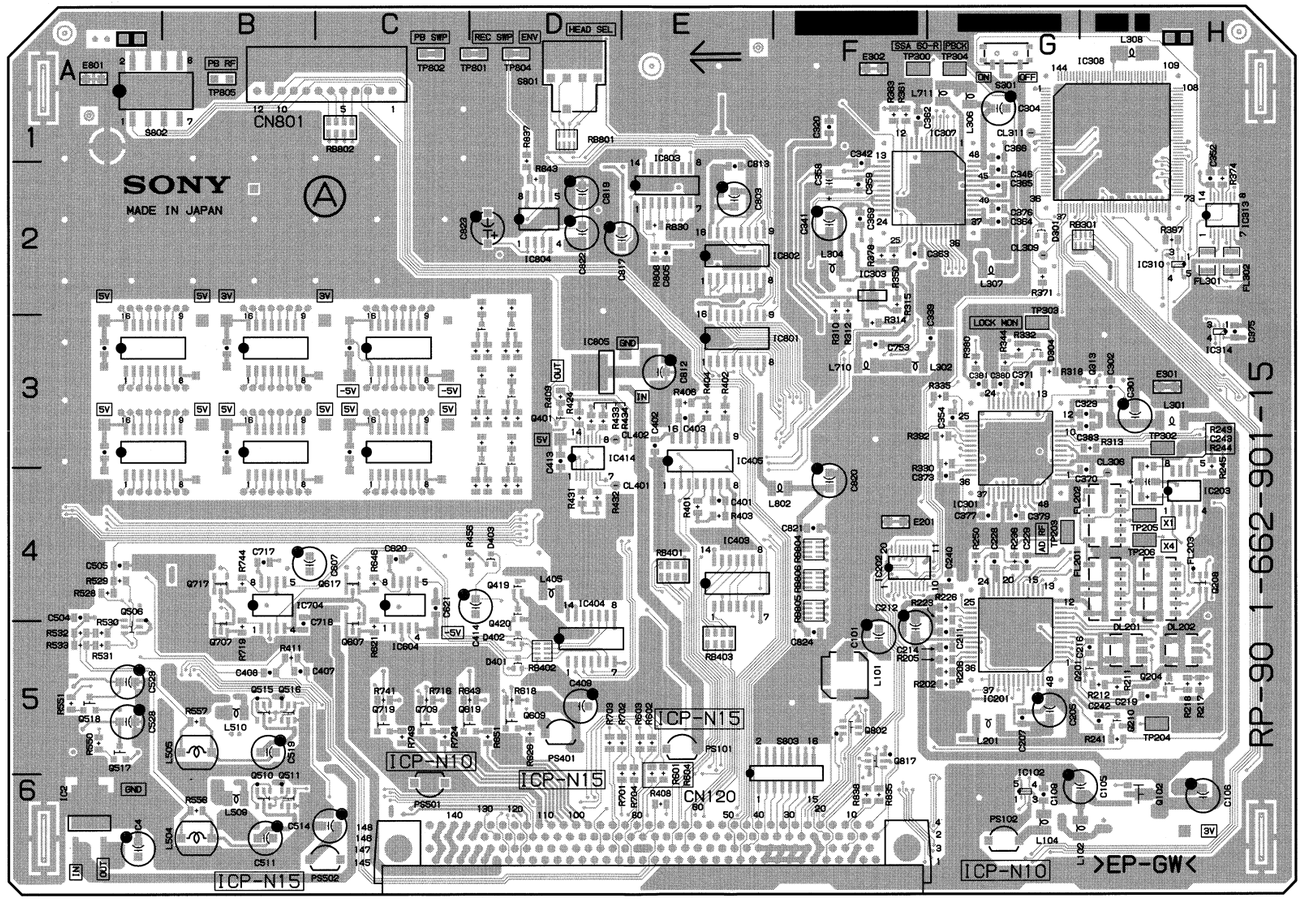
SUFFIX : -11
MODEL DSR-85/85P

RP-90 : RF REC/PB PROCESS

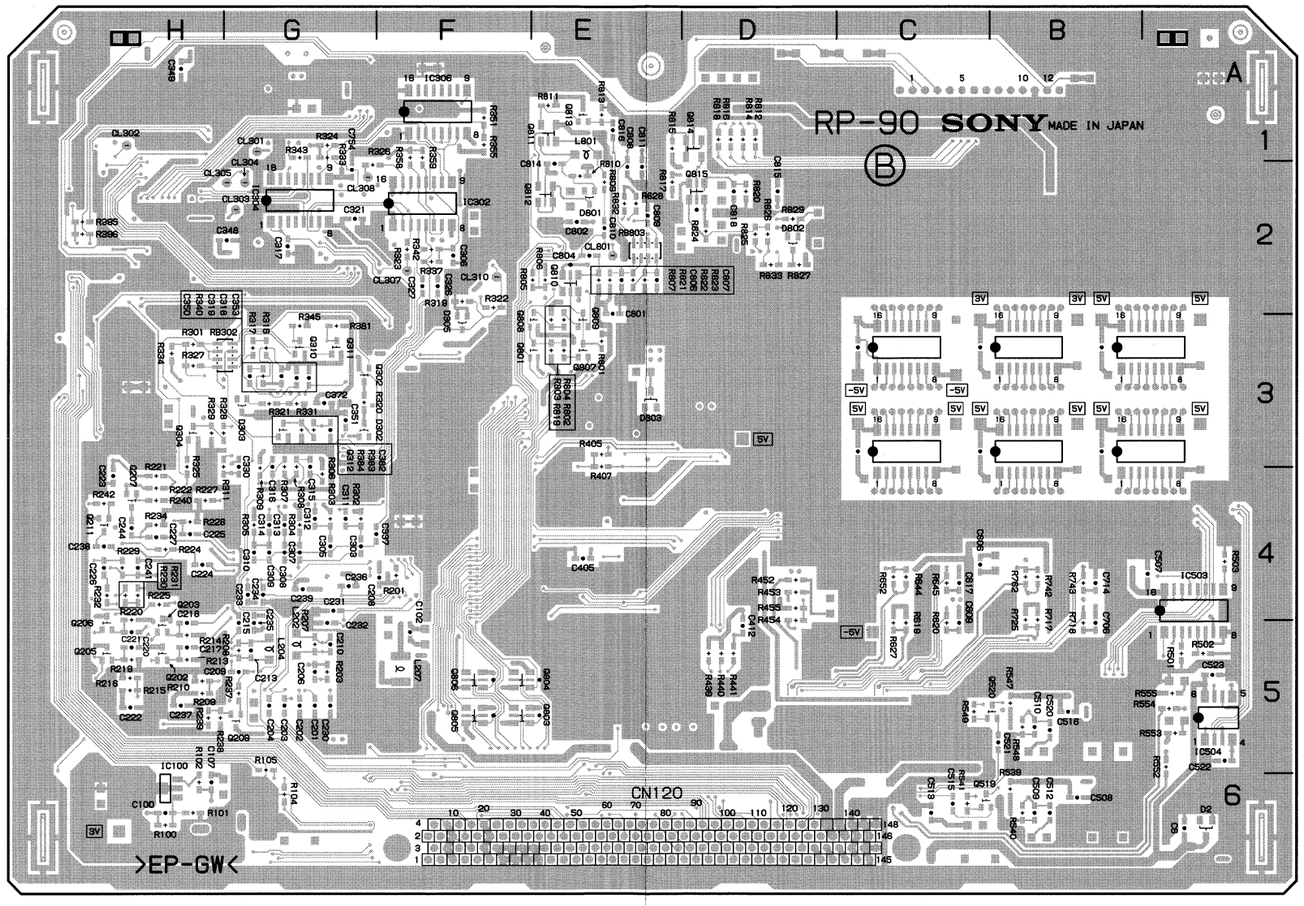
RP-90 (1-662-901-15)

*: B SIDE

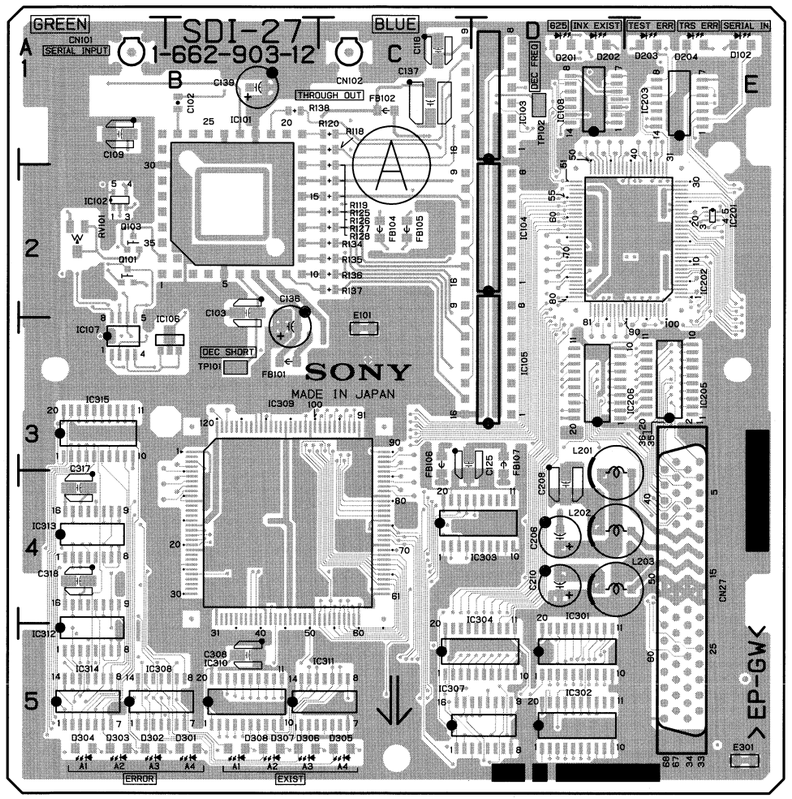
CN120	F6		Q202	*	H5
CN801	C1		Q203	*	H5
			Q204		H5
D2	*	A6	Q205	*	H5
D301		G2	Q206	*	H5
D302	*	G3	Q207	*	H4
D303	*	G3	Q208		H4
D304		G3	Q209	*	G5
D305	*	F3	Q210		H5
D401		D5	Q211	*	H4
D402		D5	Q302	*	G3
D403		D4	Q304	*	H3
D801	*	E2	Q310	*	G3
D802	*	D2	Q311	*	G3
D803	*	E3	Q312	*	G3
			Q313		H3
DL201		H5	Q401		D3
DL202		H5	Q419		D4
			Q420		D4
E201		F4	Q506		A5
E301		H3	Q510		B6
E302		F1	Q511		B6
E801		A1	Q515		B5
			Q516		B5
FL201		H4	Q517		A5
FL202		H4	Q518		A5
FL203		H4	Q519	*	C6
FL301		H2	Q520	*	B5
FL302		H2	Q607		C5
			Q609		D5
IC2		A6	Q617		C4
IC100	*	H6	Q619		D5
IC102		G6	Q707		B5
IC201		G5	Q709		C5
IC202		F4	Q717		B4
IC203		H4	Q719		C5
IC301		G3	Q801	*	E3
IC302	*	F2	Q802		F5
IC303		F2	Q803	*	F5
IC304	*	G2	Q804	*	F5
IC306	*	F1	Q805	*	F5
IC307		G2	Q806	*	F5
IC308		H1	Q807	*	E3
IC310		H2	Q808	*	E3
IC313		H2	Q809	*	E3
IC314		H3	Q810	*	E2
IC403		E4	Q811	*	E2
IC404		D5	Q812	*	E2
IC405		E3	Q813	*	E1
IC414		D3	Q814	*	D2
IC503	*	A5	Q815	*	D2
IC504	*	A5	Q817		F5
IC604		C4			
IC704		B4	RB301		H2
IC801		E3	RB302	*	G3
IC802		E2	RB401		E4
IC803		E2	RB402		D5
IC804		D2	RB403		E5
IC805		D3	RB801		D1
			RB802		C1
L101		F5	RB803	*	E2
L102		G6	RB804		F4
L104		G6	RB805		F4
L201		G5	RB806		F4
L202	*	G5			
L204	*	G5	S301		G1
L207	*	F5	S801		D1
L301		H3	S802		A1
L302		F3	S803		F5
L304		F2			
L306		G1	TP203		G4
L307		G2	TP204		H5
L308		H1	TP205		H4
L405		D4	TP206		H4
L504		B6	TP300		F1
L505		B5	TP302		H3
L509		B6	TP303		G3
L510		B5	TP304		G1
L710		F3	TP801		C1
L711		G1	TP802		C1
L801	*	E2	TP804		D1
L802		F4	TP805		B1
PS101		E5			
PS102		G6			
PS401		D5			
PS501		C6			
PS502		B6			
Q102		H6			
Q201		H5			



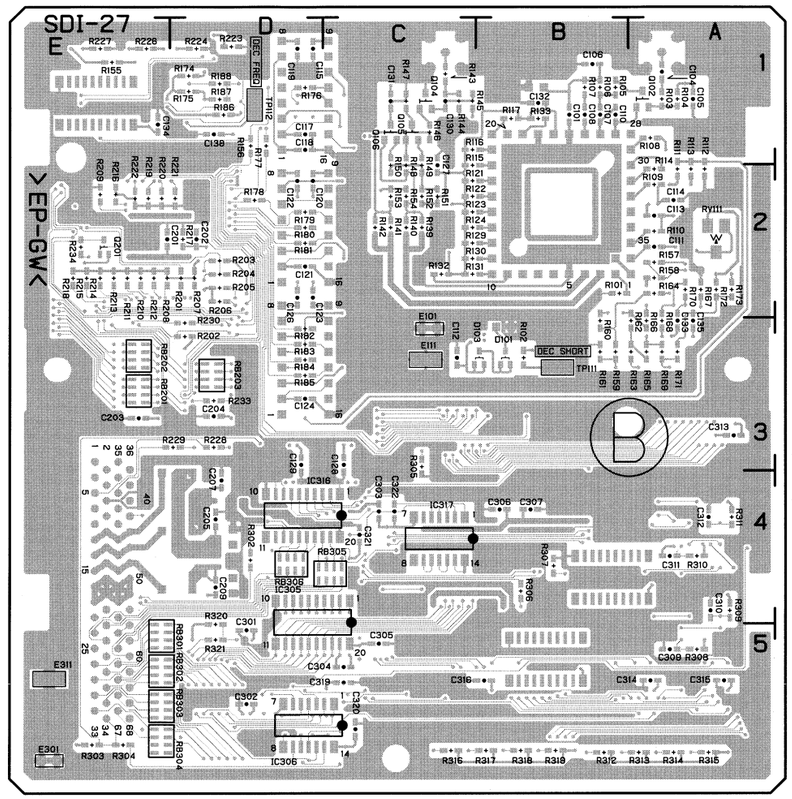
RP-90 -A SIDE-
SUFFIX : -15
MODEL DSR-85/85P


RP-90 SONY MADE IN JAPAN
B
>EP-GW<
CN120
IC100
IC306
IC302
IC503
IC504
L801
D601
D602
D2
C100
C405
C801
C508
C516
C522
R405
R407
R100
R101
R105
R104
R221
R234
R452
R453
R455
R454
R502
R555
R554
R553
R532
R538
R541
R540
R549
R547
R543
R544
R521
R527
R619
R725
R742
R743
R718
R719
R714
R715
R716
R717
R783
R784
R785
R786
R787
R788
R789
R790
R791
R792
R793
R794
R795
R796
R797
R798
R799
R800
R801
R802
R803
R804
R805
R806
R807
R808
R809
R810
R811
R812
R813
R814
R815
R816
R817
R818
R819
R820
R821
R822

SDI-27 : SDI INPUT



SDI-27 -A SIDE-
SUFFIX : -12
MODEL DSBK-120/120P



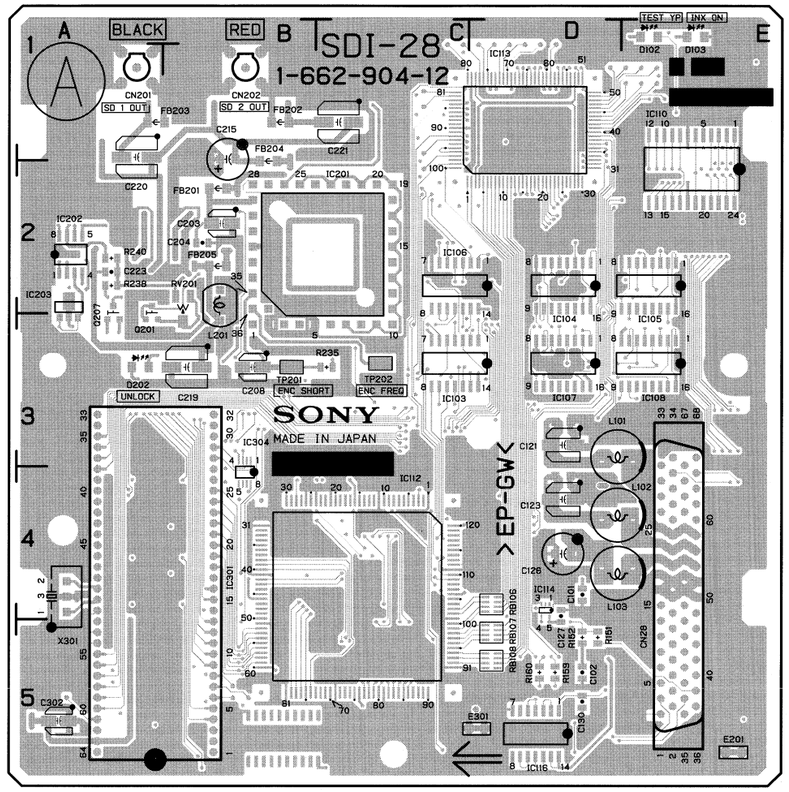
SDI-27 -B SIDE-
SUFFIX : -12
MODEL DSBK-120/120P

SDI-27 (1-662-903-12)

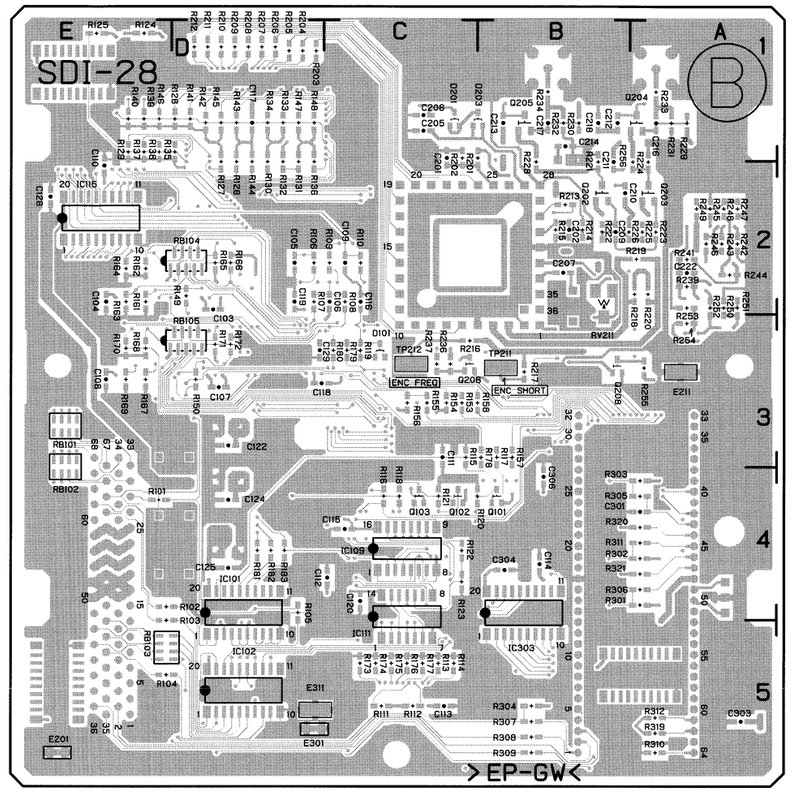
*: B SIDE

CN27	E3	FB105	C2	IC310	B5	RB304	* E5
CN101	A1	FB106	C3	IC311	C5	RB305	* C4
CN102	C1	FB107	D3	IC312	A5	RB306	* D4
				IC313	A4		
D101	* B3	IC101	A2	IC314	A5	RV101	A2
D102	E1	IC102	A2	IC315	A3		
D103	* B3	IC103	D1	IC316	* D4	TP101	B3
D201	D1	IC104	D2	IC317		TP102	D1
D204	E1	IC105	D3			TP111	* B3
D301	B5	IC106	B3	L201	D4	TP112	* D1
D302	A5	IC107	A3	L202	D4		
D303	A5	IC108	D1	L203	D4		
D304	A5	IC201	E2				
D305	C5	IC202	E2	Q102	* A1		
D306	B5	IC203	E1	Q103	A2		
D307	B5	IC205	E3	Q104	* C1		
D308	B5	IC206	D3	Q105	* C1		
		IC301	D5	Q106	* C1		
E101	C3	IC302	D5	Q201	* E2		
E111	* C3	IC303	D4				
E301	E5	IC304	D5	RB201	* E3		
E311	* E5	IC305	* D4	RB202	* E3		
		IC306	* D5	RB203	* D3		
FB101	B3	IC307	D5	RB301	* E5		
FB102	C1	IC308	A5	RB302	* E5		
FB104	C2	IC309	B4	RB303	* E5		

SDI-28 : SDI OUTPUT



SDI-28 -A SIDE-
SUFFIX : -12
MODEL DSBK-120/120P



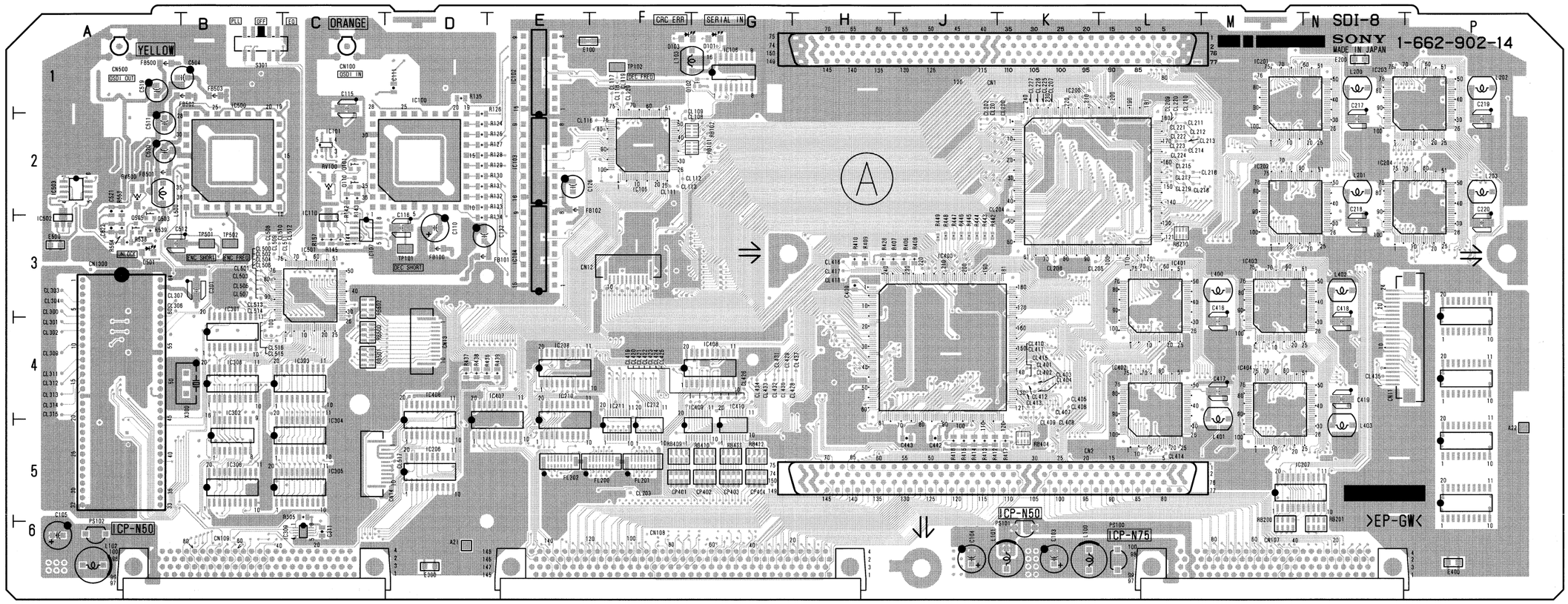
SDI-28 -B SIDE-
SUFFIX : -12
MODEL DSBK-120/120P

SDI-28 (1-662-904-12)

*: B SIDE

CNI301	B5	IC105	E2	Q201	A2
		IC106	C2	Q202	* B2
CN28	E5	IC107	D3	Q203	* A2
CN201	A1	IC108	E3	Q204	* A1
CN202	B1	IC109	* C4	Q205	* B1
		IC110	E2	Q206	* C3
D101	* C3	IC111	* C4	Q208	* B3
D201	* C1	IC112	C4		
D202	A3	IC113	D1	RB101	* E3
D203	* B1	IC114	D4	RB102	* E4
		IC115	* E2	RB103	* E5
E201	E5	IC116	* A5	RB104	* D2
E211	* A3	IC201	B3	RB105	* D3
E301	C5	IC202	A2	RB106	C2
E311	* C5	IC203	A2	RB107	D2
		IC303	* B4	RB108	D2
FB201	B2	IC304	B4		
FB202	B1			RV201	B2
FB203	A1	L101	E3		
FB204	B2	L102	E4	TP201	B3
FB205	B2	L103	E4	TP202	C3
		L201	B2	TP211	* B3
IC101	* D4			TP212	* C3
IC102	* D5	Q101	* C4		
IC103	C3	Q102	* C4	X301	A4
IC104	D2	Q103	* C4		

SDI-8 : QSDI INTERFACE

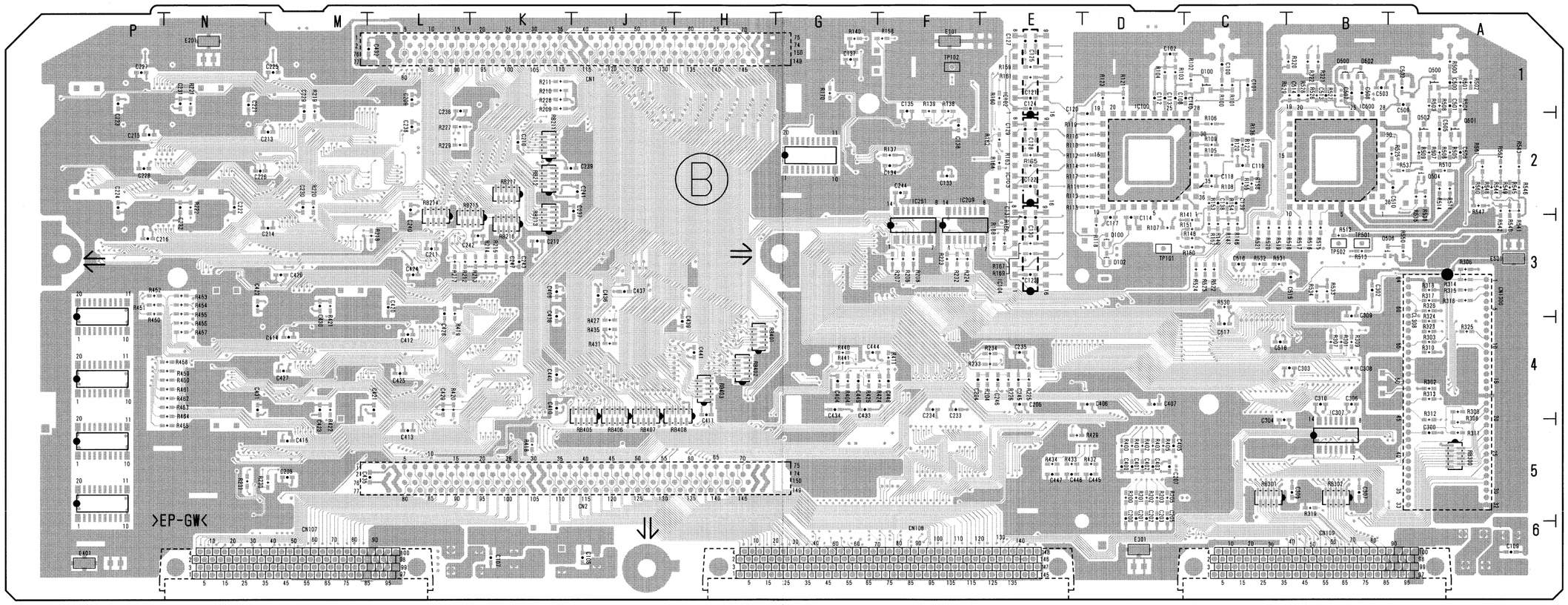


SDI-8 -A SIDE-
SUFFIX : -14
MODEL DSR-85/85P

SDI-8 (1-662-902-14)

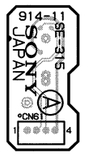
*: B SIDE

CN1	L1	E501	* A3	IC203	P1	IC407	E5	Q100	* C1	RB402	* H4
CN2	L5			IC204	P2	IC408	G4	Q101	C2	RB403	* H4
CN11	P4	FB100	D3	IC206	D5	IC409	G5	Q102	G1	RB404	K5
CN100	C1	FB101	D3	IC207	M5	IC410	G5	Q500	* A1	RB405	* J4
CN107	N6	FB102	E2	IC208	E4	IC500	B2	Q501	* A2	RB406	* J4
CN108	H6	FB500	A1	IC209	* F3	IC501	C3	Q502	* A2	RB407	* J4
CN109	C6	FB501	A2	IC210	E5	IC502	A3	Q503	A2	RB408	* H4
CN500	A1	FB502	B1	IC211	F5	IC503	A2	Q504	* A2	RB500	C4
		FB503	B1	IC212	F5			Q506	* B3	RB501	C4
D100	* D3			IC251	* F3	L100	K6			RB502	C3
D101	G1	FL200	F5	IC300		L101	K6	RB101	G2		
D102	* D3	FL201	F5	IC301	B4	L102	A6	RB102	G2	RV100	C2
D103	F1	FL202	E5	IC302	B5	L103	G1	RB200	M6	RV500	A2
D500	* B1			IC303	C4	L200	N1	RB201	N6		
D501	A3	IC100	C2	IC304	C5	L201	N2	RB210	L3	S301	B1
D502	* B1	IC101	C2	IC305	C5	L202	P1	RB211	* K2		
		IC102	E1	IC306	B5	L203	P2	RB212	* K2	TP101	D3
E100	E1	IC103	E2	IC307	* B5	L400	M3	RB213	* K3	TP102	F1
E101	* F1	IC104	E3	IC308	B4	L401	M4	RB214	* L3	TP501	B3
E200	N1	IC105	F2	IC309	C6	L402	N3	RB215	* K3	TP502	B3
E201	* N1	IC106	G1	IC400	J4	L403	N5	RB216	* K3		
E300	D6	IC107	C3	IC401	L3	L500	A2	RB217	* K2	X300	B4
E301	* D6	IC110	C3	IC402	L4			RB300	* A5		
E400	P6	IC200	K2	IC403	M3	PS100	L6	RB301	* C5		
E401	* P6	IC201	M1	IC404	M4	PS101	K6	RB302	* B5		
E500	A3	IC202	M2	IC406	D5	PS102	A6	RB401	* H4		



SDI-8 -B SIDE-
SUFFIX : -14
MODEL DSR-85/85P

SE-315 : S REEL FG SENSOR
SE-361 : T REEL FG SENSOR



SE-315 -A SIDE-

SUFFIX : -11
MODEL DSR-85/85P

SE-361 -A SIDE-

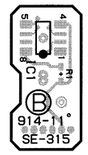
SUFFIX : -11
MODEL DSR-85/85P

SE-315 (1-662-914-11)

*: B SIDE

CN61 A1

IC1 * A1



SE-315 -B SIDE-

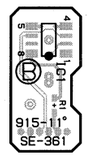
SUFFIX : -11
MODEL DSR-85/85P

SE-361 (1-662-915-11)

*: B SIDE

CN61 A1

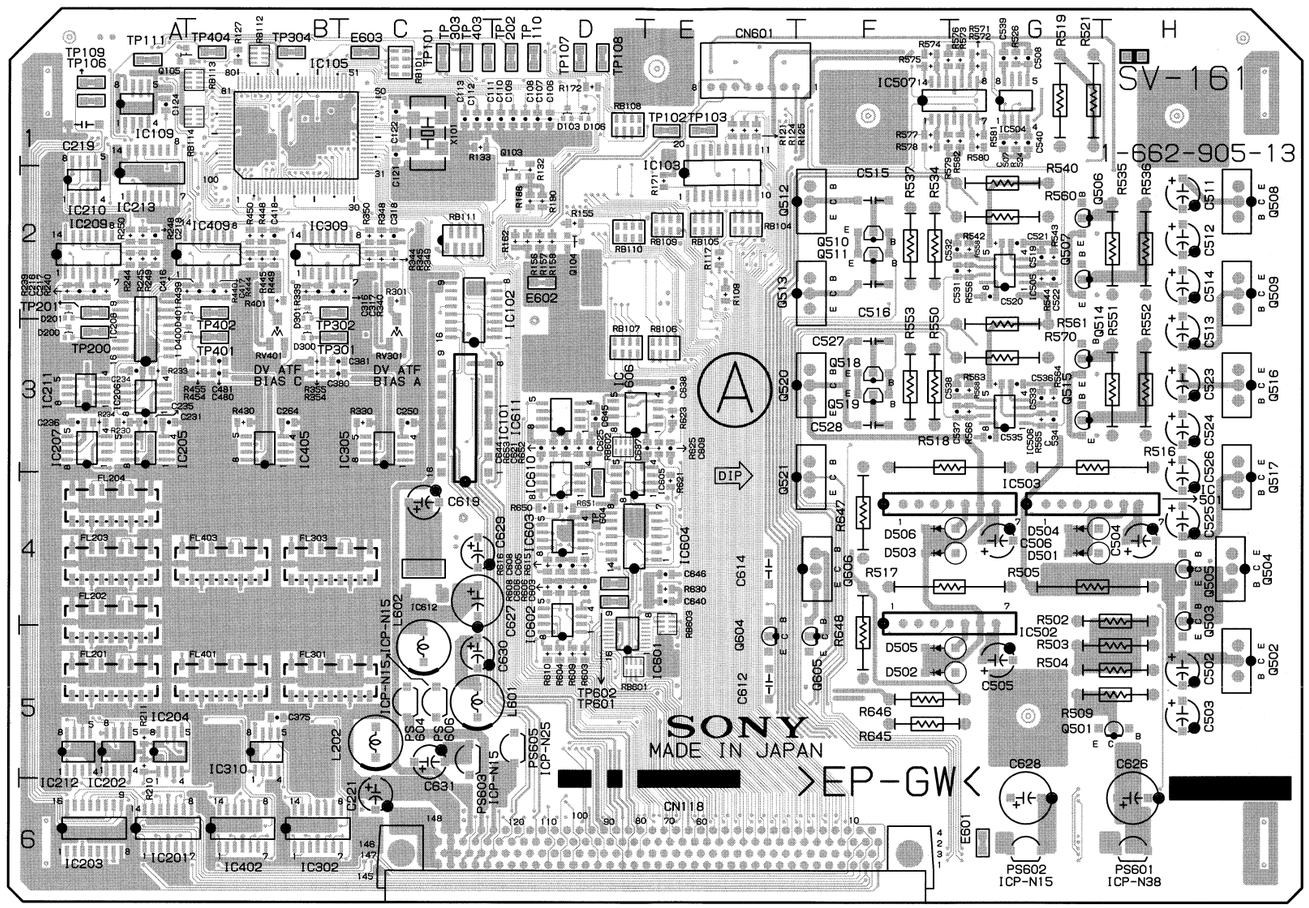
IC1 * A1



SE-361 -B SIDE-

SUFFIX : -11
MODEL DSR-85/85P

SV-161 : SERVO SYSTEM

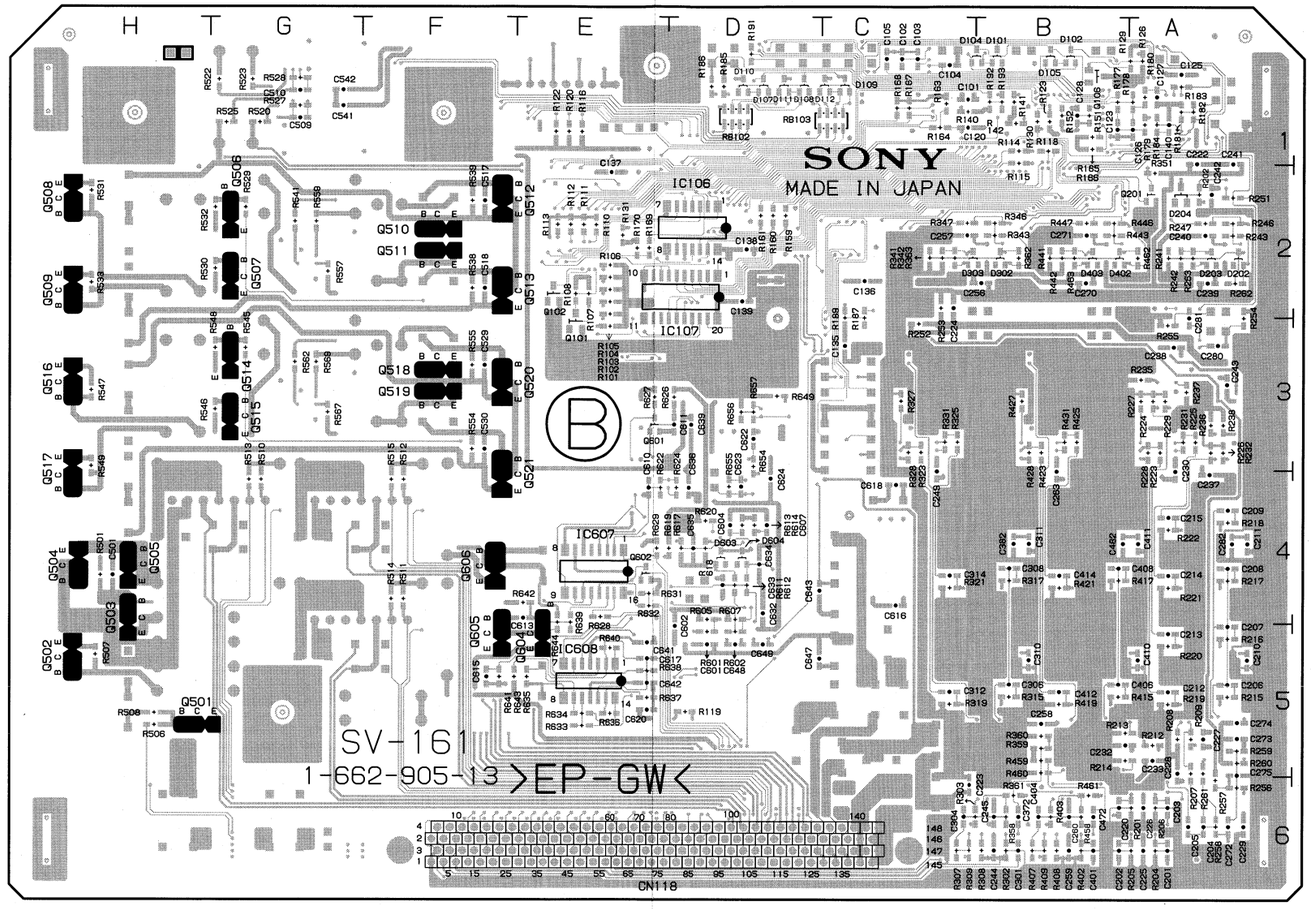


SV-161 -A SIDE-
SUFFIX : -13
MODEL DSR-85/85P

SV-161 (1-662-905-13)

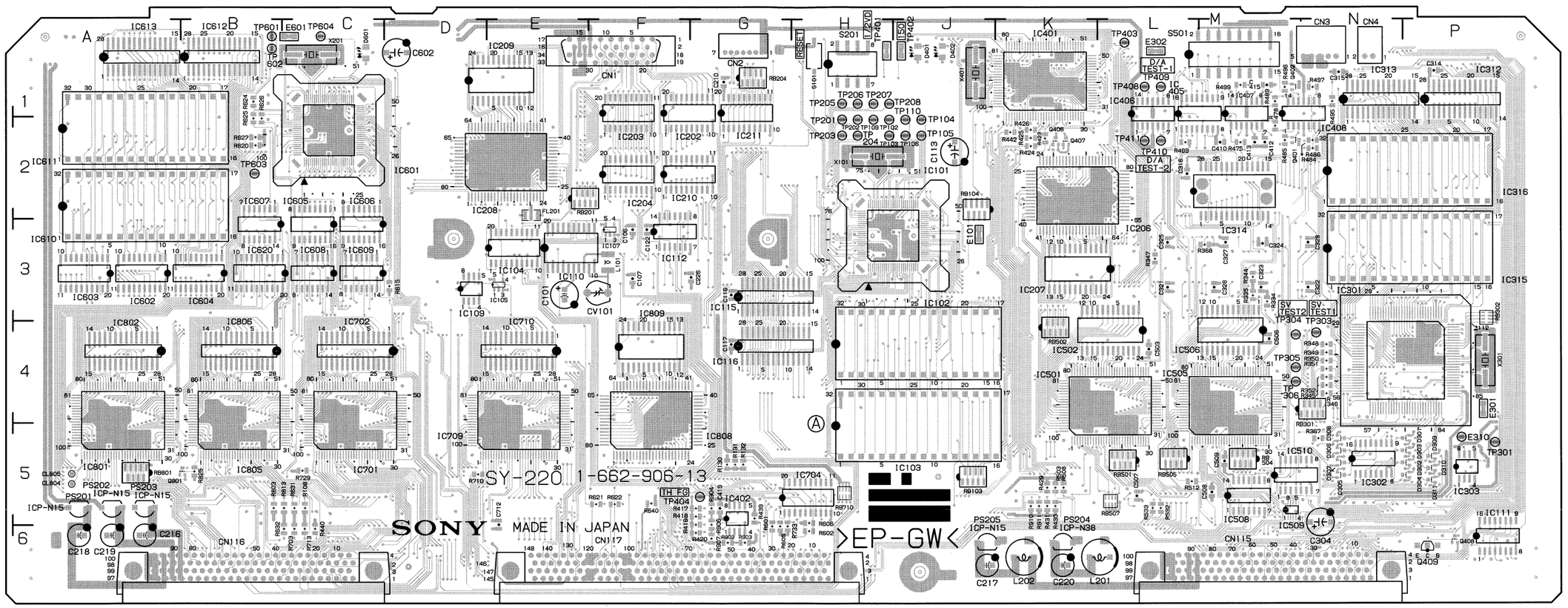
*: B SIDE

CN118	F6	D303	* C2	FL303	B4	IC213	A2	IC610	D4	Q502	H5	Q605	F5	TP101	C1	X101	C1		
CN601	F1	D400	B3	FL401	B5	IC302	B6	IC611	D3	Q503	H4	Q606	F4	TP102	E1				
		D401	B2	FL403	B4	IC305	C3	IC612	C4	Q504	H4			TP103	E1				
D101	* B1	D402	* B2			IC309	B2			Q505	H4	RB101	C1	TP106	A1				
D102	* B1	D403	* B2	IC101	C3	IC310	B5	L202	C5	Q506	G2	RB102	* D1	TP107	D1				
D103	D1	D501	G4	IC102	C2	IC402	B6	L601	C5	Q507	G2	RB103	* C1	TP108	D1				
D104	* B1	D502	G5	IC103	E2	IC405	B3	L602	C5	Q508	H2	RB104	E2	TP109	A1				
D105	* B1	D503	G4	IC105	B1	IC409	B2			Q509	H2	RB105	E2	TP110	D1				
D106	D1	D504	G4	IC106	* D2	IC501	G4	PS601	H6	Q510	F2	RB106	E3	TP111	A1				
D107	* D1	D505	G5	IC107	* D2	IC502	F4	PS602	G6	Q511	F2	RB107	D3	TP200	A3				
D108	* D1	D506	G4	IC109	A1	IC503	F4	PS603	C5	Q512	F2	RB108	D1	TP201	A2				
D109	* C1	D603	* D4	IC201	A6	IC504	G1	PS604	C5	Q513	F2	RB109	E2	TP202	D1				
D110	* D1	D604	* D4	IC202	A5	IC505	G2	PS605	D5	Q514	G3	RB110	D2	TP301	B3				
D111	* D1			IC203	A6	IC506	G3	PS606	C5	Q515	G3	RB111	C2	TP302	B2				
D112	* C1	E601	G6	IC204	A5	IC507	G1			Q516	H3	RB112	B1	TP303	C1				
D200	A3	E602	D2	IC205	A3	IC601	D5	Q101	* E3	Q517	H4	RB113	B1	TP304	B1				
D201	A2	E603	C1	IC206	A3	IC602	D4	Q102	* E2	Q518	F3	RB114	B1	TP401	B3				
D202	* A2			IC207	A3	IC603	D4	Q103	D2	Q519	F3	RB601	D5	TP402	B2				
D203	* A2	FL201	A5	IC208	A3	IC604	D4	Q104	D2	Q520	F3	RB602	D3	TP403	C1				
D204	* A2	FL202	A4	IC209	A2	IC605	D4	Q105	B1	Q521	F4	RB603	E4	TP404	B1				
D300	B3	FL203	A4	IC210	A2	IC606	D3	Q106	* B1	Q601	* E3			TP601	D4				
D301	B2	FL204	A4	IC211	A3	IC607	* E4	Q201	* A2	Q602	* E4	RV301	C3	TP602	D4				
D302	* B2	FL301	B5	IC212	A5	IC608	* E5	Q501	H5	Q604	E5	RV401	B3	TP604	D4				



SV-161 -B SIDE-
SUFFIX : -13
MODEL DSR-85/85P

SY-220 : SYSTEM CONTROL



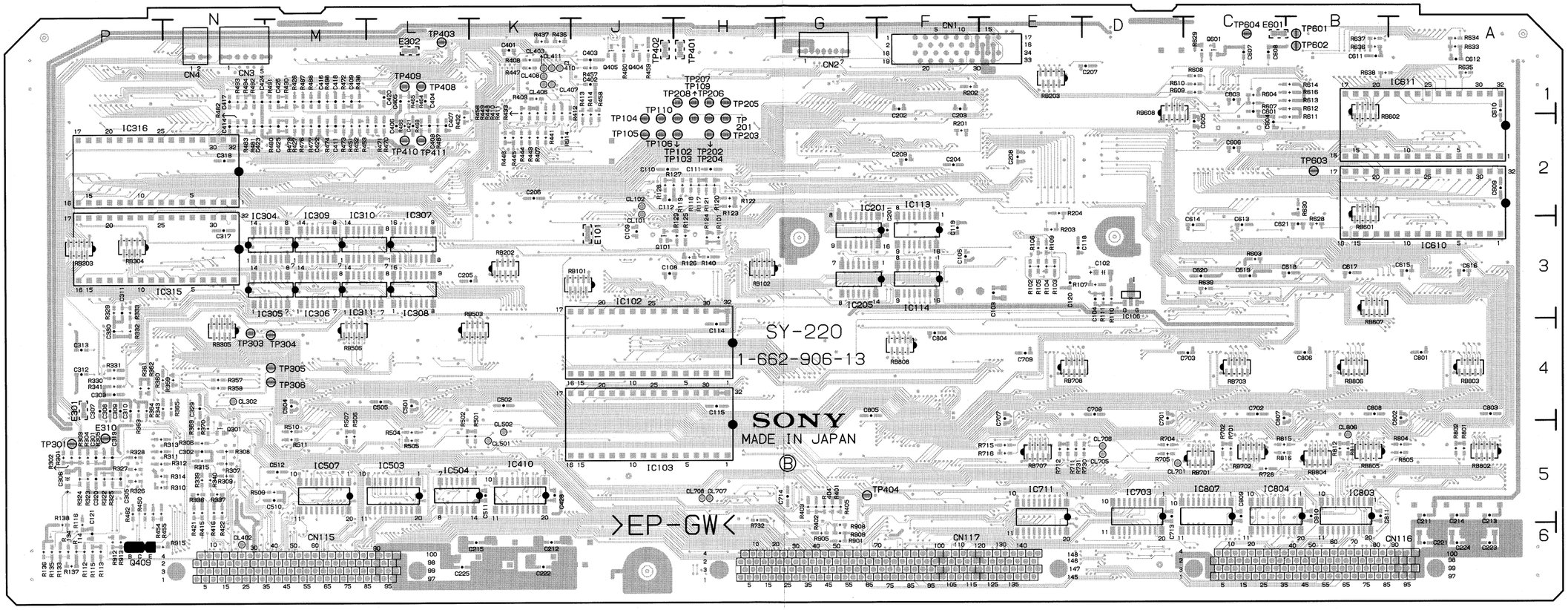
SY-220 -A SIDE-

SUFFIX : -13
MODEL DSR-85/85P

SY-220 (1-662-906-13)

*: B SIDE

CNI102	H4	D309	P5	IC112	F3	IC310	* M3	IC602	A3	IC806	B4	Q601	* C1	RB607	* B3	TP303	N4
CNI103	H5	D310	P5	IC113	* F3	IC311	* M3	IC603	A3	IC807	* C5	Q801	B5	RB608	* D1	TP304	M4
CNI315	N3	D311	P5	IC114	* F3	IC312	P1	IC604	B3	IC808	F4			RB701	* C5	TP305	M4
CNI316	N2	D401	J1	IC115	G3	IC313	N1	IC605	C3	IC809	F4	RB101	* J3	RB702	* C5	TP306	M4
CNI610	A3	D402	J1	IC116	G4	IC314	M2	IC606	C3			RB102	* H3	RB703	* C4	TP401	H1
CNI611	A2	D601	C1	IC201	* G3	IC315	N3	IC607	B3	L101	F3	RB103	J5	RB707	* E5	TP402	J1
				IC202	F1	IC316	N2	IC608	C3	L201	L6	RB104	J2	RB708	* E4	TP408	L1
CN1	F1	E101	J3	IC203	F1	IC401	K1	IC609	C3	L202	K6	RB201	E2	RB710	H5	TP409	L1
CN2	G1	E301	P4	IC204	F2	IC402	G5	IC610	A3			RB202	* K3	RB801	A5	TP410	L2
CN3	N1	E302	L1	IC205	* G3	IC405	M1	IC611	A2	PS201	A5	RB203	* E1	RB802	* A5	TP601	B1
CN4	N1	E310	P5	IC206	K2	IC406	L1	IC612	B1	PS202	A5	RB204	G1	RB803	* A4	TP602	B1
CN115	N6	E601	C1	IC207	K3	IC407	M1	IC613	A1	PS203	A5	RB301	N4	RB804	* B5	TP603	B2
CN116	C6			IC208	E2	IC408	N1	IC620	B3	PS204	K6	RB302	P3	RB805	* B5	TP604	C1
CN117	H6	FL201	E2	IC209	E1	IC410	* K5	IC701	C4	PS205	J6	RB303	* P3	RB806	* B4		
				IC210	F2	IC501	L4	IC702	C4			RB304	* P3	RB808	* F4	X101	H2
CV101	F3	IC101	J3	IC211	G1	IC502	L4	IC703	* D5	Q101	* J3	RB305	* N4			X201	C1
		IC102	H4	IC301	P4	IC503	* L5	IC704	H5	Q301	* N5	RB501	L5	S101	H1	X301	P4
D301	P5	IC103	H5	IC302	N5	IC504	* L5	IC709	E4	Q401	M2	RB502	K4	S201	H1	X401	J1
D302	P5	IC104	E3	IC303	P5	IC505	M4	IC710	E4	Q402	M1	RB503	* K4	S501	M1		
D303	P5	IC105	E3	IC304	* M3	IC506	M4	IC711	* E5	Q404	* J1	RB504	M5				
D304	P5	IC106	* D3	IC305	* M3	IC507	* M5	IC801	A4	Q405	* J1	RB505	L5	TP104	J2		
D305	N5	IC107	F3	IC306	* M3	IC508	M5	IC802	A4	Q406	K2	RB506	* M4	TP106	J2		
D306	N5	IC109	D3	IC307	* L3	IC509	M5	IC803	* B5	Q407	K2	RB507	L5	TP109	H2		
D307	N5	IC110	E3	IC308	* L3	IC510	M5	IC804	* C5	Q408	P6	RB601	* B2	TP110	J2		
D308	N5	IC111	P6	IC309	* M3	IC601	C2	IC805	B4	Q409	P6	RB602	* B1	TP301	P5		

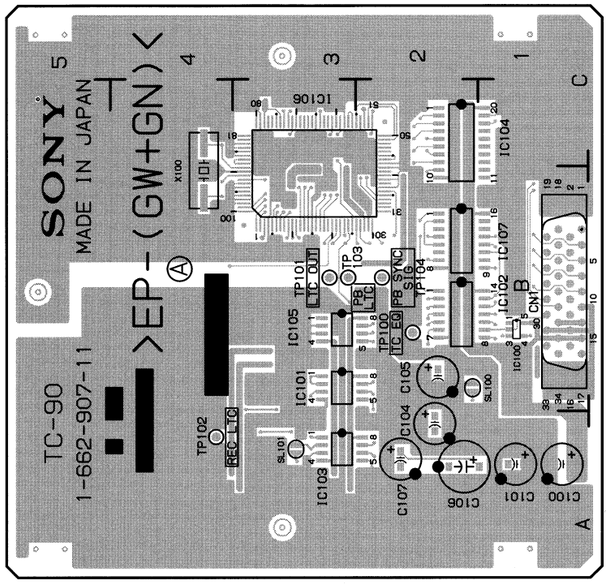


SY-220 -B SIDE-

SUFFIX : -13

MODEL DSR-85/85P

TC-90 : EXT TC
TR-93 : TENSION SENSOR

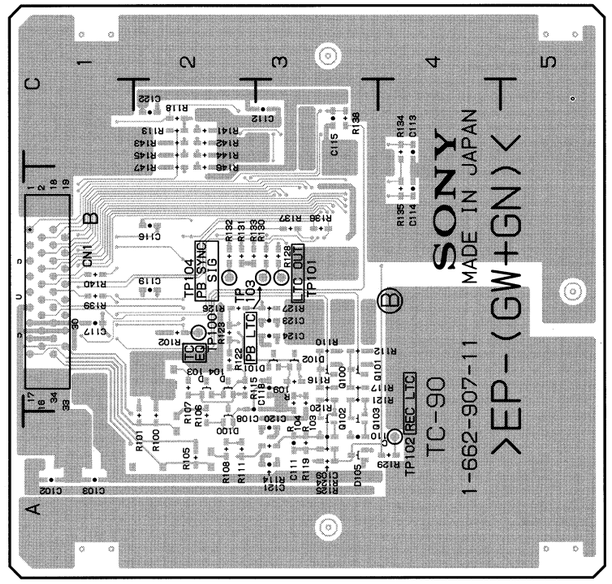


TC-90 -A SIDE-
SUFFIX : -11
MODEL DSBK-130/130P

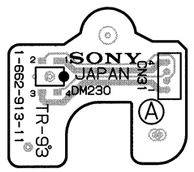
TC-90 (1-662-907-11)

*: B SIDE

CN1	B1
D100	* A2
D101	* B3
D102	* B3
D103	* B2
D104	* B2
D105	* A3
IC100	B1
IC101	B3
IC102	B2
IC103	A3
IC104	C2
IC105	B3
IC106	B3
IC107	B2
Q100	* B3
Q101	* B3
Q102	* A3
Q103	* A3
X100	B4



TC-90 -B SIDE-
SUFFIX : -11
MODEL DSBK-130/130P

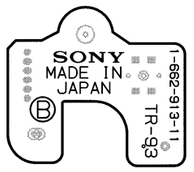


TR-93 -A SIDE-
SUFFIX : -11
MODEL DSR-85/85P

TR-93 (1-662-913-11)

*: B SIDE

CN31	A1
DM230	A1



TR-93 -B SIDE-
SUFFIX : -11
MODEL DSR-85/85P

SECTION 11
SCHEMATIC DIAGRAMS

BOARD NAME	CIRCUIT FUNCTION	PAGE
AU-238	ANALOG AUDIO IN/OUT, A/D CONV, AES/EBU IN/OUT, SAMPLING RATE CONV, D A CONV, FS PLL	11-3
CC-75	CASSETTE COMPARTMENT DOWN 1/2/3 SENSOR CC UP/DOWN MOTOR CONNECTION	11-185
CC-76	CASSETTE IN 1/2/3 SENSOR	11-185
CP-276	ANALOG VIDEO IN/OUT, TC IN/OUT, AUDIO MONITOR	11-12
CP-281	ANALOG AUDIO IN/OUT, AES/EBU IN/OUT, BAL→UNBAL, AUDIO IN LEVEL SELECT	11-13
DA-120	SAMPLING RATE CONV, JOG/DATA/EDIT PROCESS, DSP	11-14
DD-31	×4 DATA PROCESS	11-25
DDE-4/4P	VIDEO INPUT PROCESS, 4:2:2 → 4:1:1 CONV, YC SEP, AD CONV	11-32
DEN-5/5P	4:1:1 → 4:2:2 CONV, REF SIGNAL GEN, DA CONV, OUTPUT DRIVER	11-44
DV-16	DATA BLOCKING, PICTURE COMPRESSION, TIMING GEN, CHANNEL CODE/DECODE, TRACK ↔ FRAME CONV	11-58
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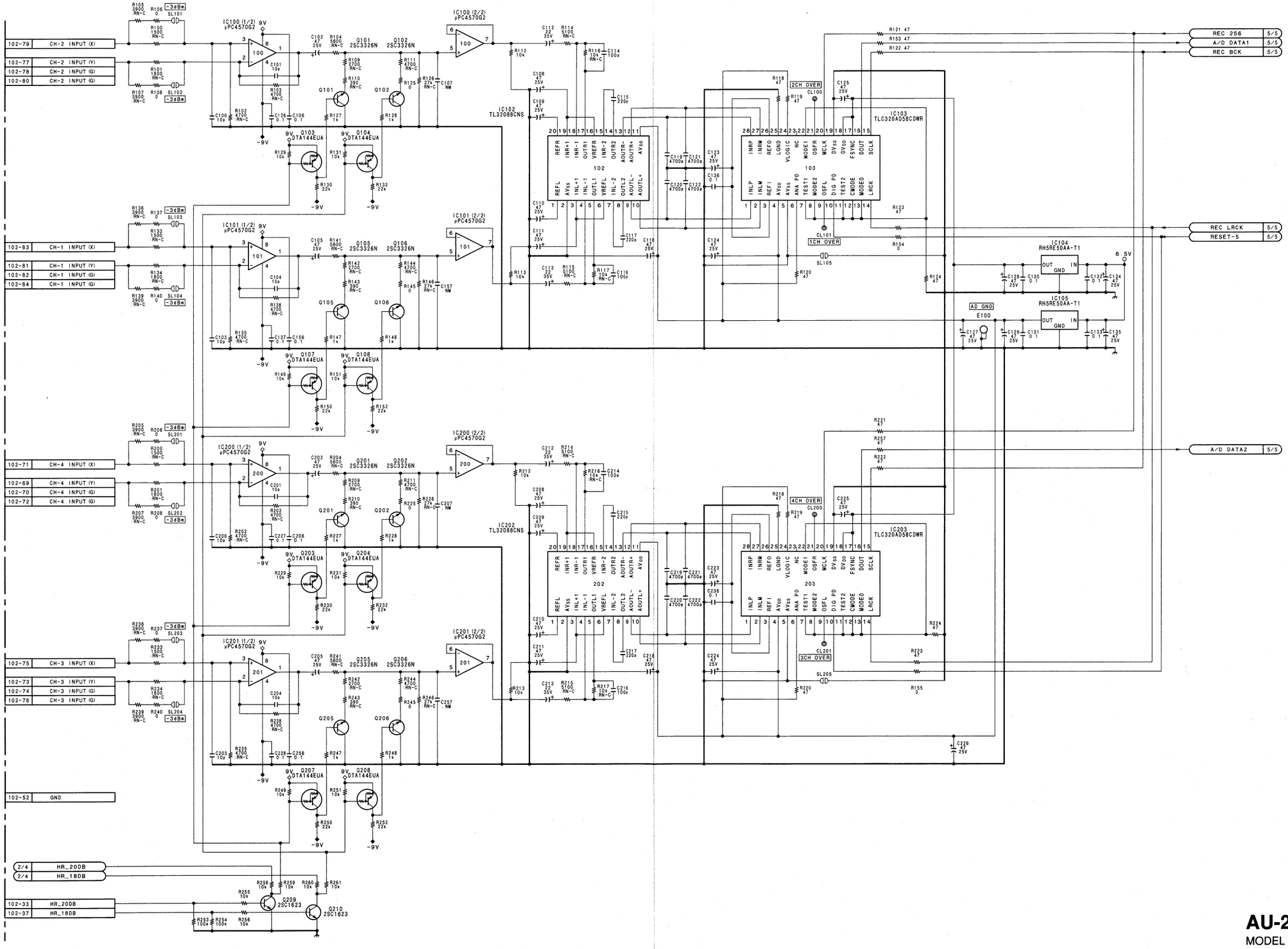
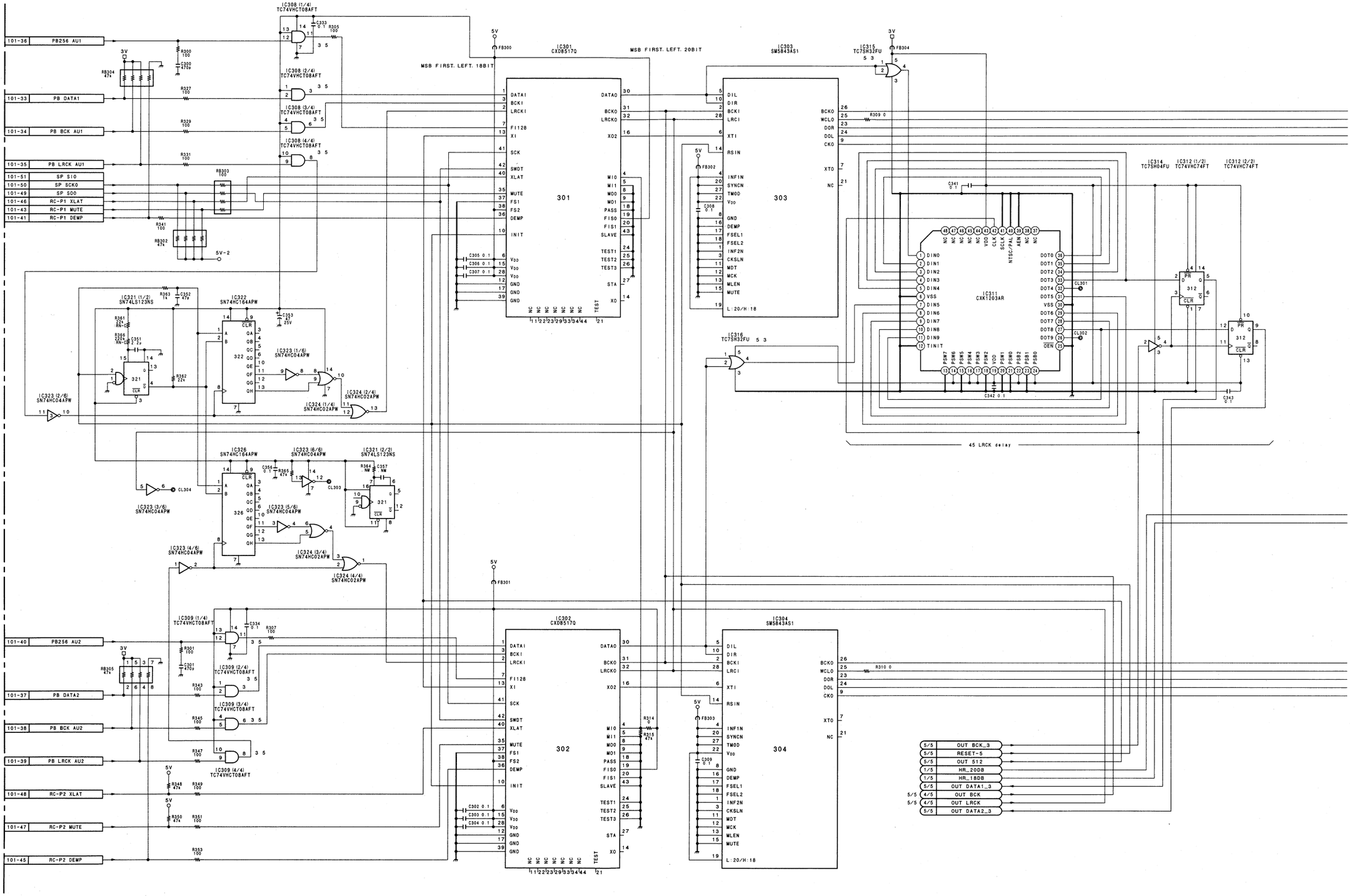
TC-90 (DSBK-130/130P)	EXTERNAL TIME CODE IN/OUT	11-167

11-1

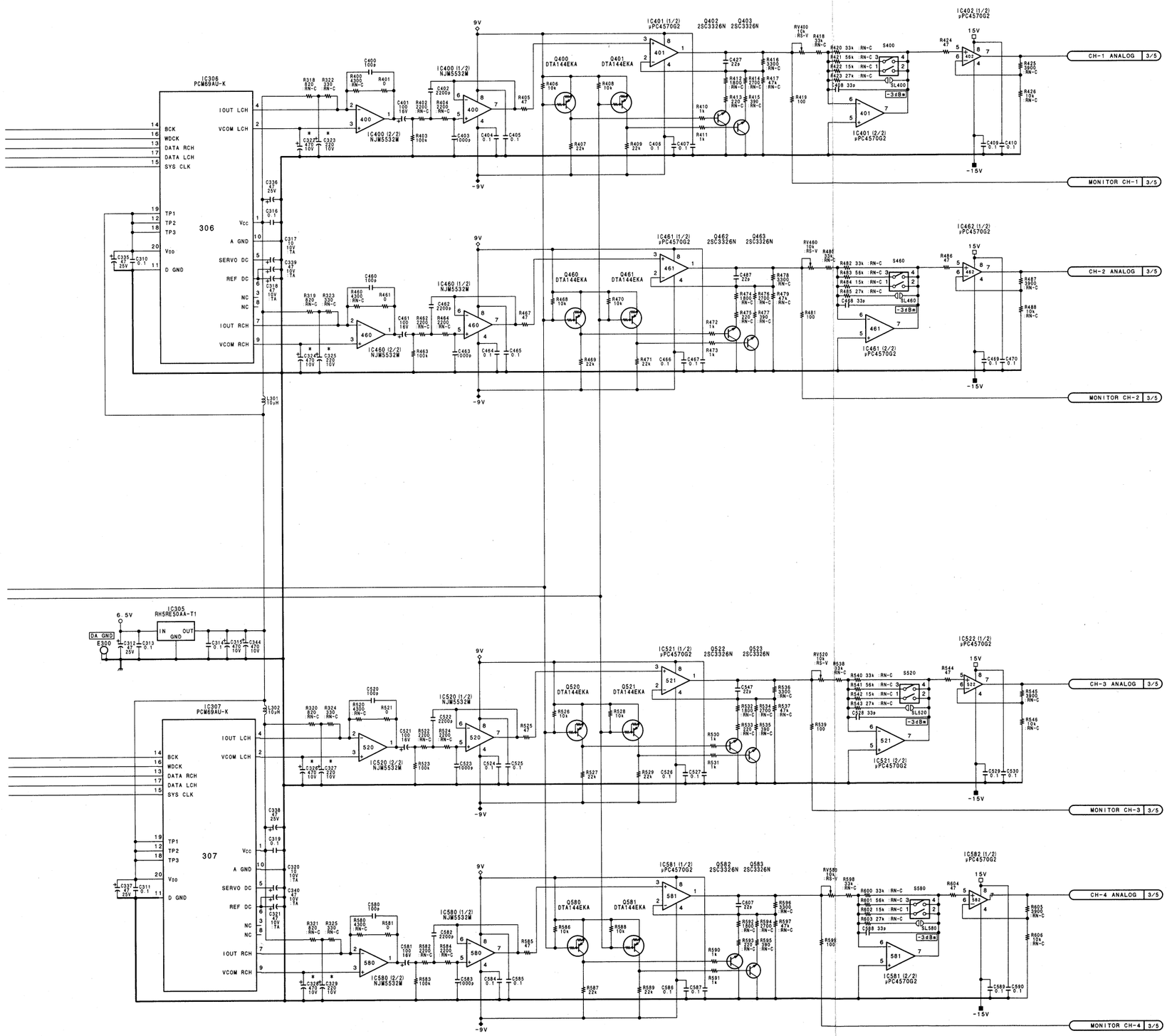
AU-238 (1/5) : AUDIO PROCESS



AU-238 (2/5) : AUDIO PROCESS

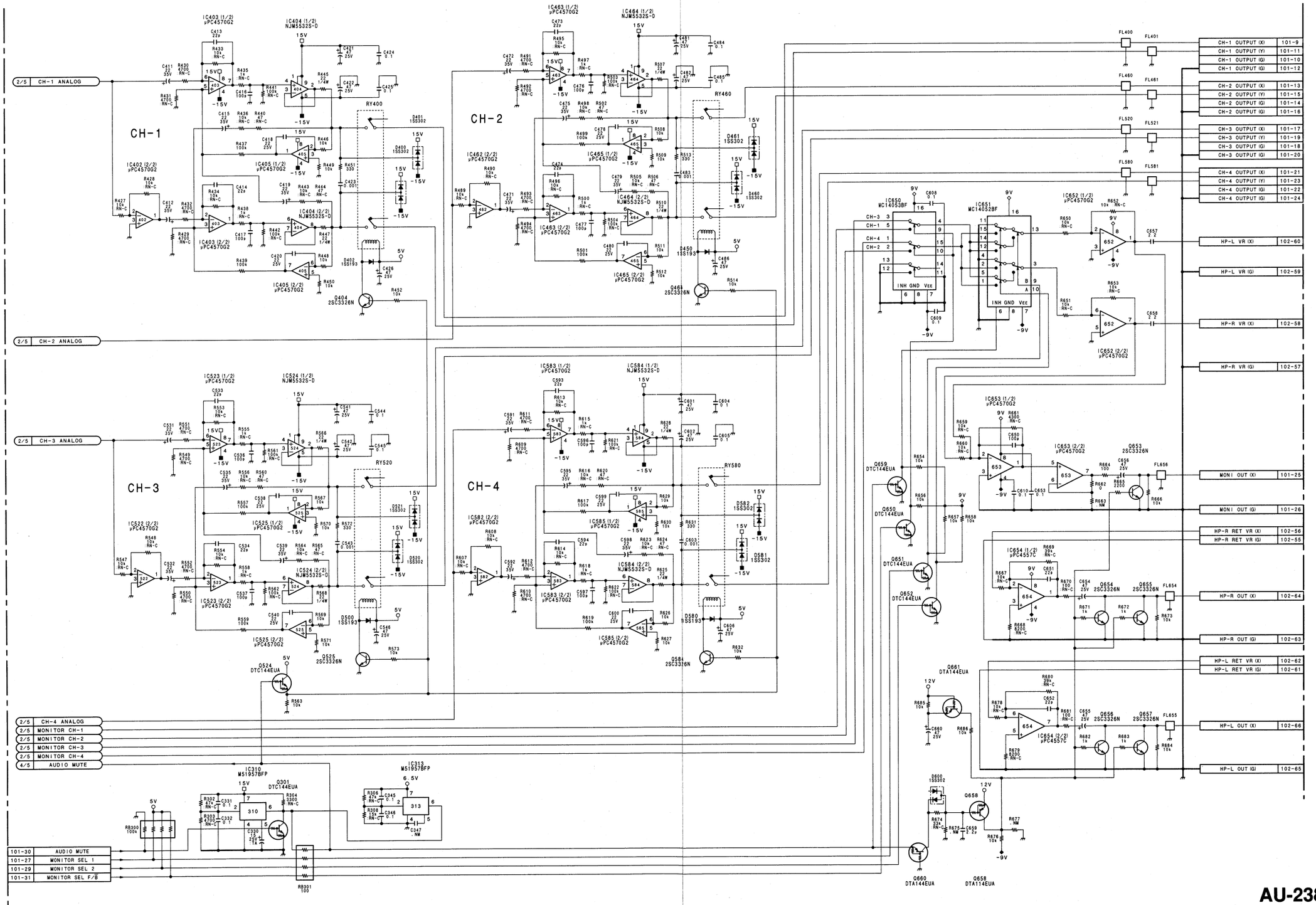


AU-238 (2/5)

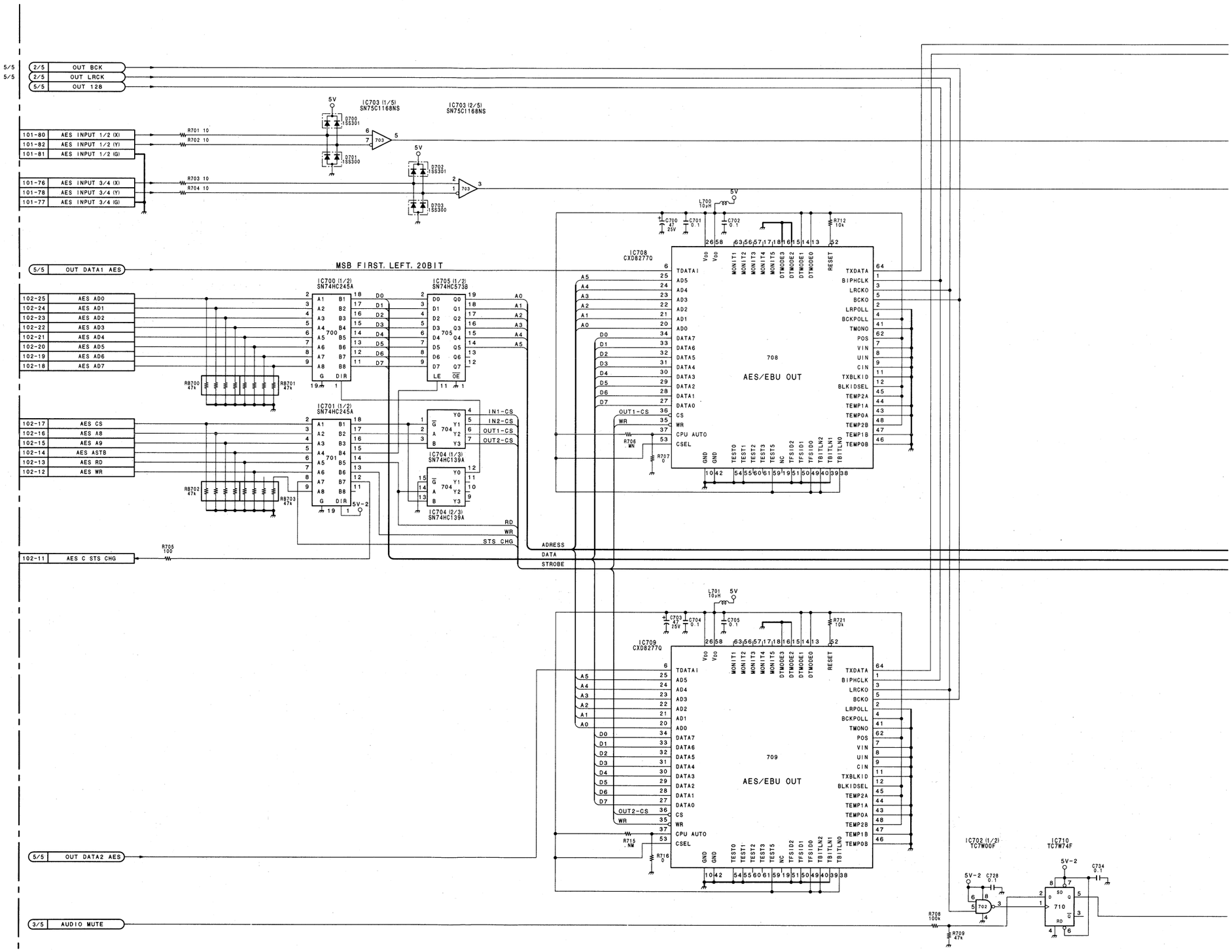


*	UC #10111~#10260 J #10081~#10180 CE #10141~#10250	UC #10261~ J #10181~ CE #10251~
C322. C324 C326. C328	100/16V	470/10V
C323. C325 C327. C329	100/16V	220/10V

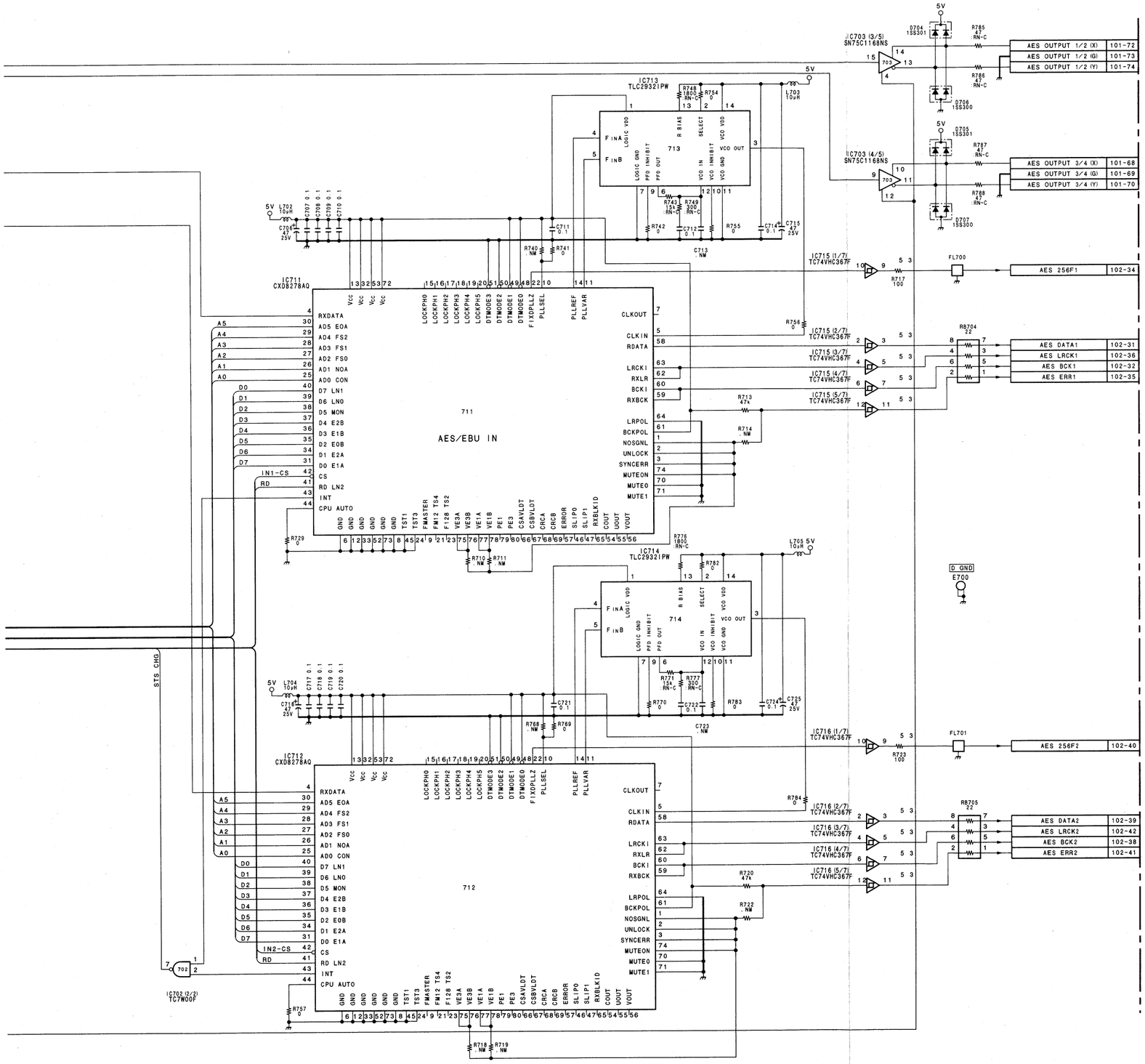
AU-238 (3/5) : AUDIO PROCESS

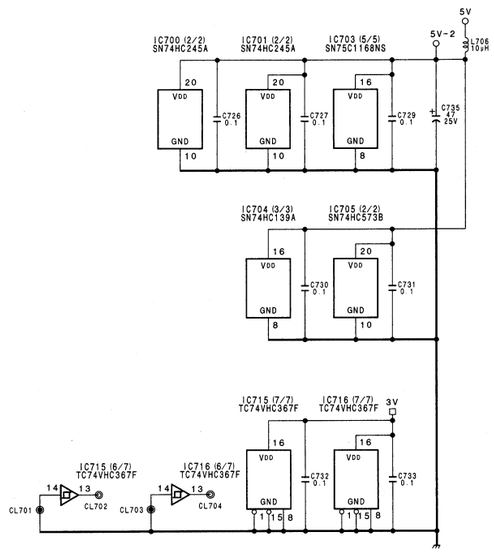


AU-238 (4/5) : AUDIO PROCESS

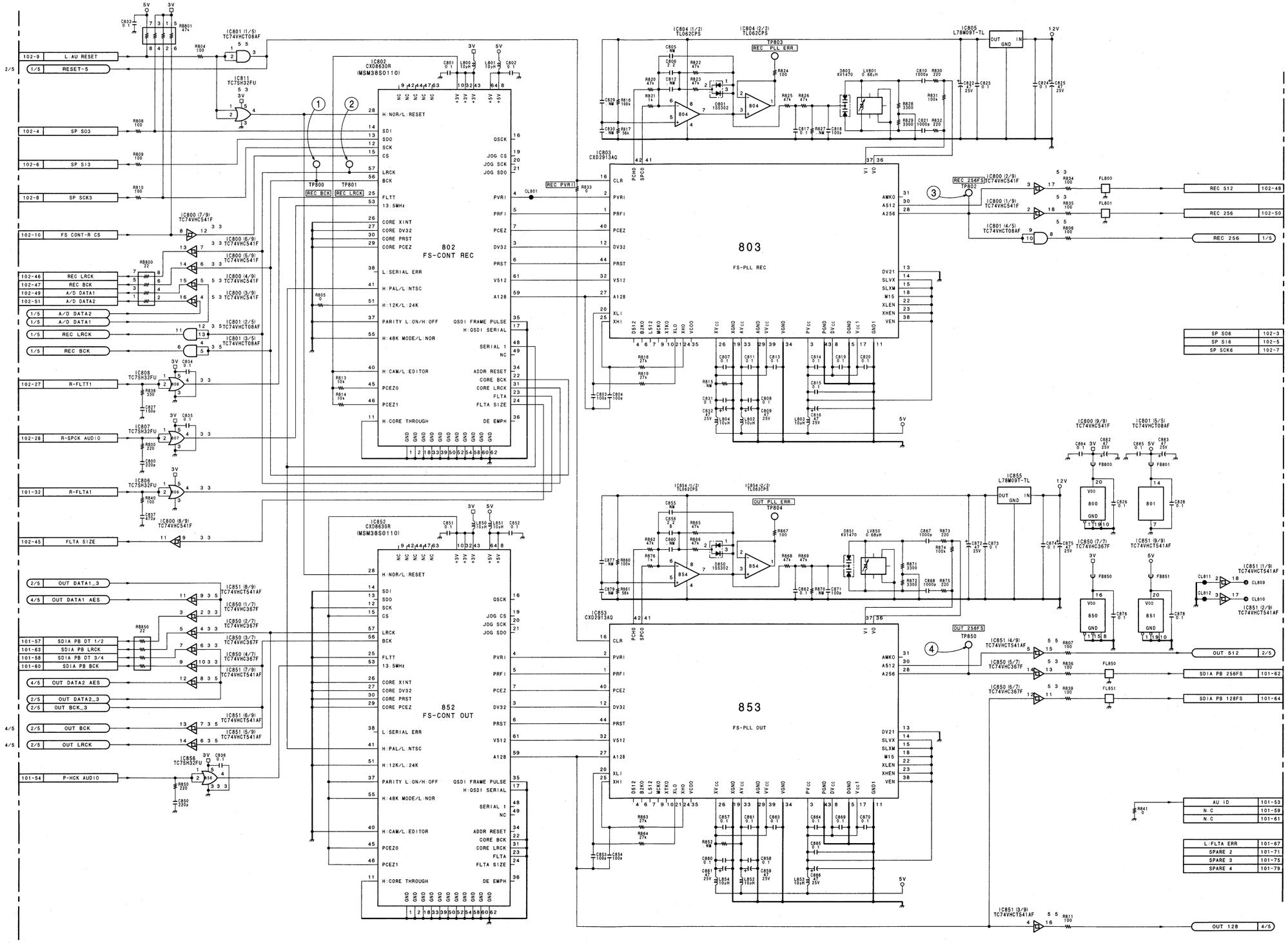


AU-238 (4/5)


IC711 CXD8278AQ
AES/EBU IN
711
IC712 CXD8278AQ
712
IC713 TLC29321PW
713
IC714 TLC29321PW
714
IC703 (3/5) SN75C1168NS
IC703 (4/5) SN75C1168NS
IC715 (1/7) TC74VHC367F
IC715 (2/7) TC74VHC367F
IC715 (3/7) TC74VHC367F
IC715 (4/7) TC74VHC367F
IC715 (5/7) TC74VHC367F
IC716 (1/7) TC74VHC367F
IC716 (2/7) TC74VHC367F
IC716 (3/7) TC74VHC367F
IC716 (4/7) TC74VHC367F
IC716 (5/7) TC74VHC367F
IC702 (2/2) TC7W00F
AES OUTPUT 1/2 (X) 101-72
AES OUTPUT 1/2 (G) 101-73
AES OUTPUT 1/2 (Y) 101-74
AES OUTPUT 3/4 (X) 101-68
AES OUTPUT 3/4 (G) 101-69
AES OUTPUT 3/4 (Y) 101-70
AES 256F1 102-34
AES 256F2 102-40
AES DATA1 102-31
AES LRCK1 102-36
AES BCK1 102-32
AES ERR1 102-35
AES DATA2 102-39
AES LRCK2 102-42
AES BCK2 102-38
AES ERR2 102-41
FL700
FL701
E700
D_GND
STS_CHG
IN1-CS
IN2-CS
RD
5V
3V


IC700 (2/2) SN74HC245A
IC701 (2/2) SN74HC245A
IC703 (5/5) SN75C1168NS
IC704 (3/3) SN74HC139A
IC705 (2/2) SN74HC573B
IC715 (7/7) TC74VHC367F
IC716 (6/7) TC74VHC367F
IC716 (7/7) TC74VHC367F
5V-2
5V
3V

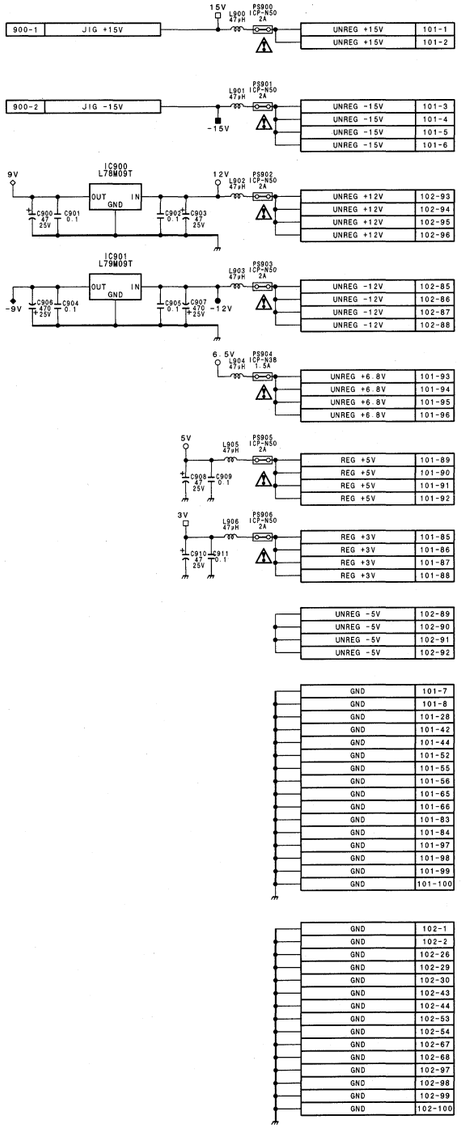
AU-238 (5/5) : AUDIO PROCESS



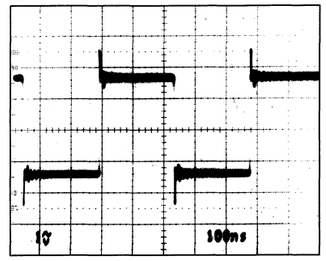
11-10 11-10

DSR-85/85P

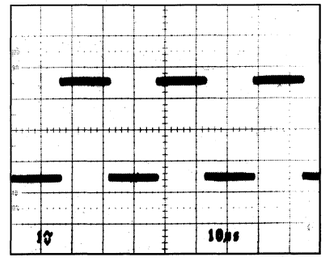
AU-238 (5/5)



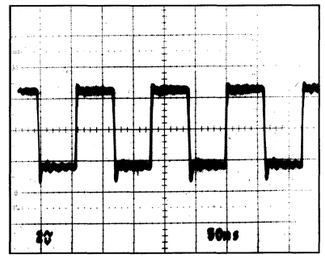
① TP800 MODE: REC



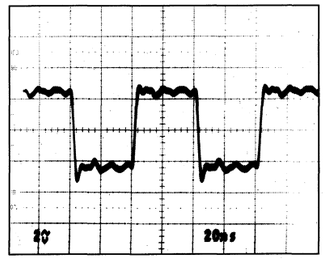
② TP801 MODE: REC



③ TP802 MODE: REC

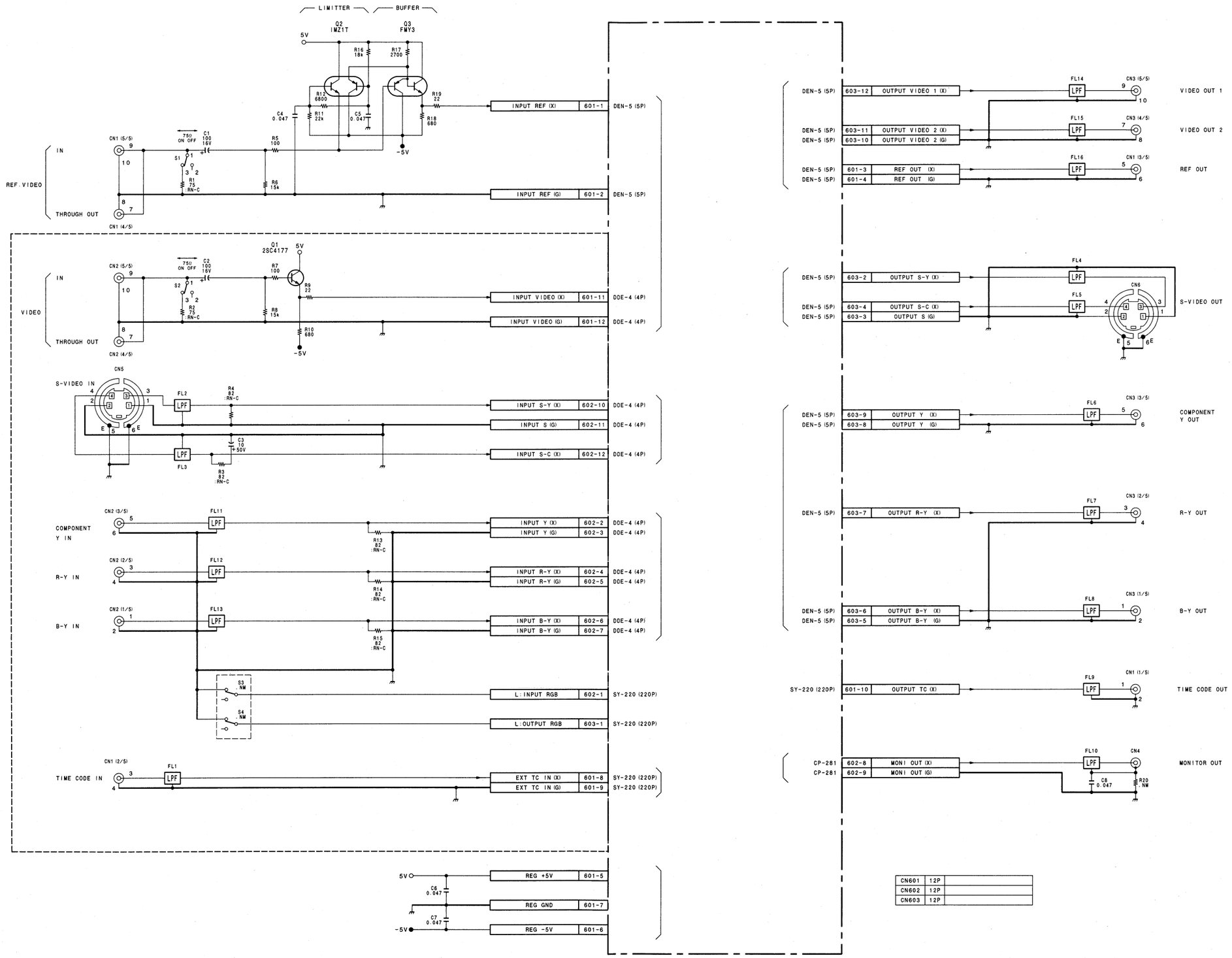


④ TP850 MODE: PB



AU-238 (5/5)
MODEL DSR-85/85P

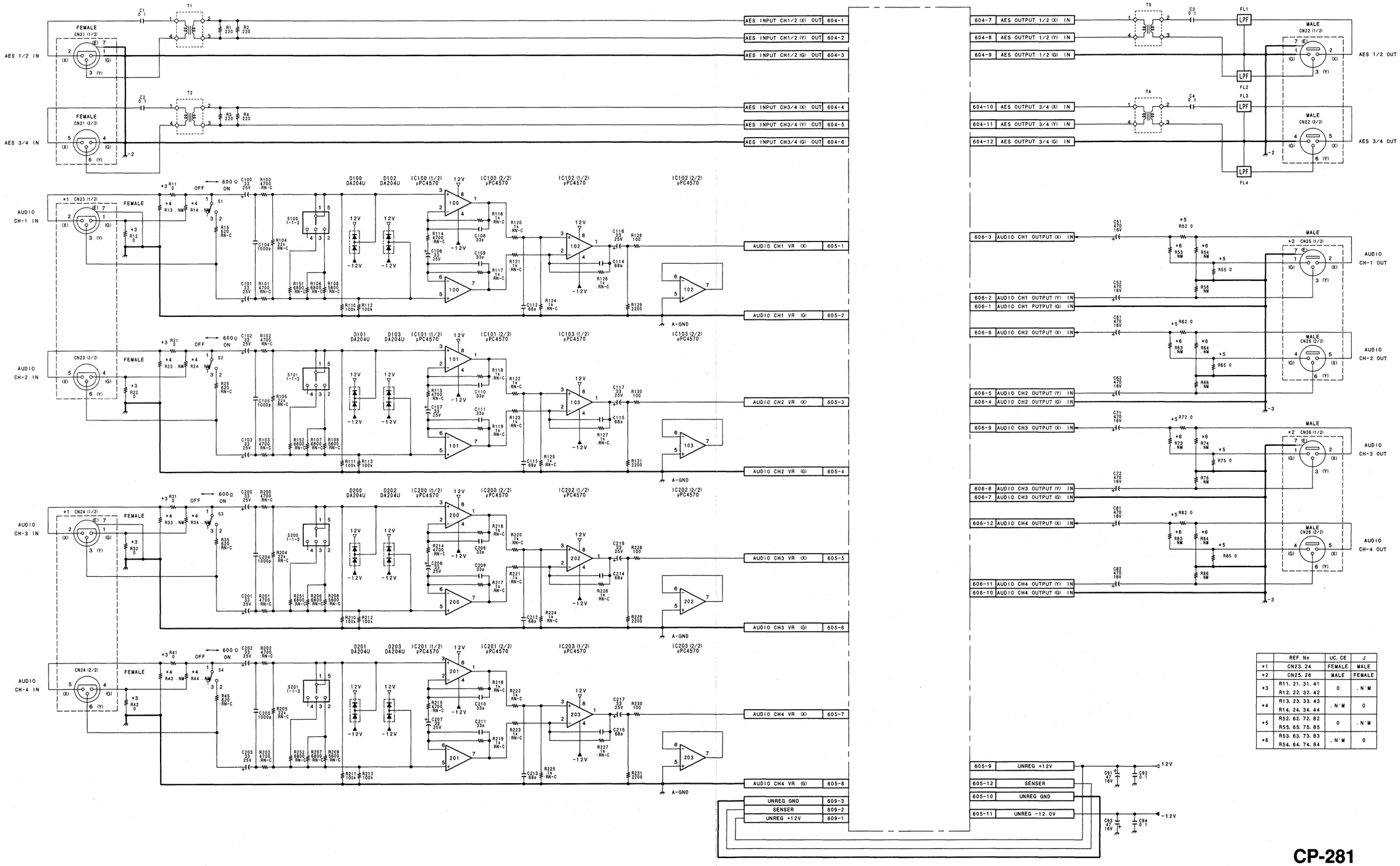
CP-276 : VIDEO/TC CONNECTOR



CP-276
MODEL DSR-85/85P

DSR-85/85P

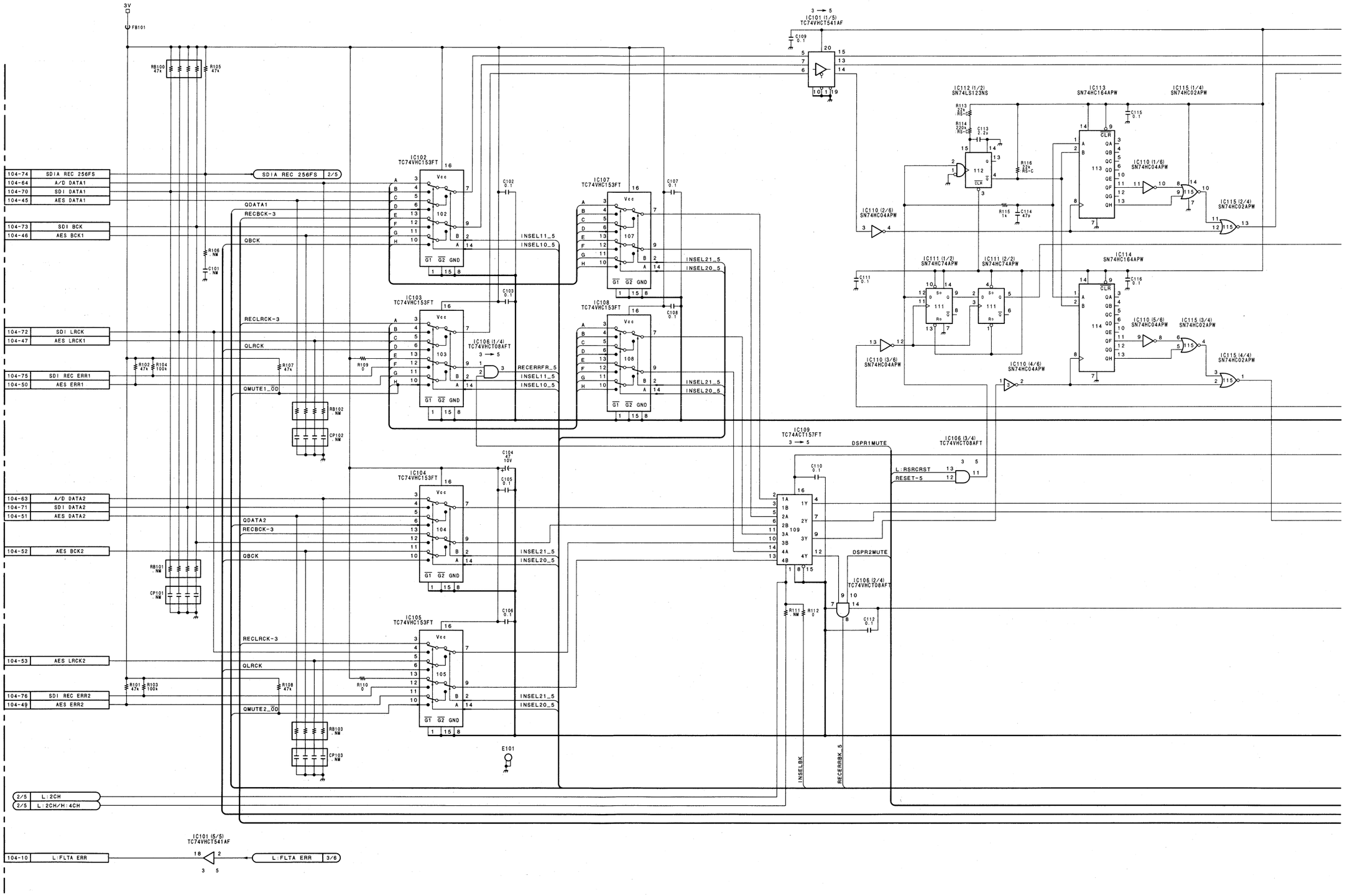
CP-281 : AUDIO IN/OUT CONNECTOR

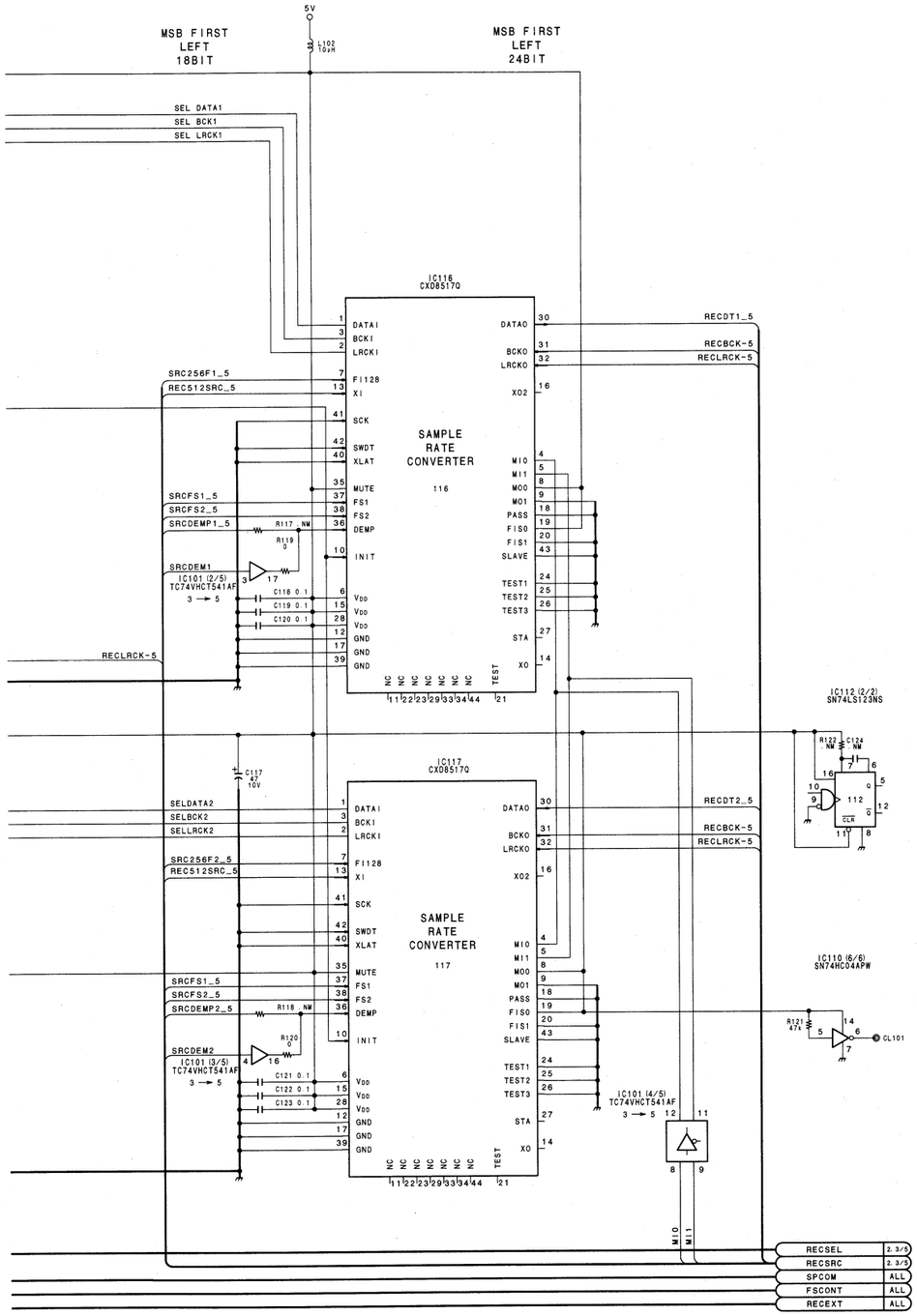


	REF. No	UC. CE	J
*1	CN23. 24	FEMALE	MALE
*2	CN25. 26	MALE	FEMALE
*3	R11. 21. 31. 41 R12. 22. 32. 42	0	. N'M
*4	R13. 23. 33. 43 R14. 24. 34. 44	. N'M	0
*5	R52. 62. 72. 82 R55. 65. 75. 85	0	. N'M
*6	R53. 63. 73. 83 R54. 64. 74. 84	. N'M	0

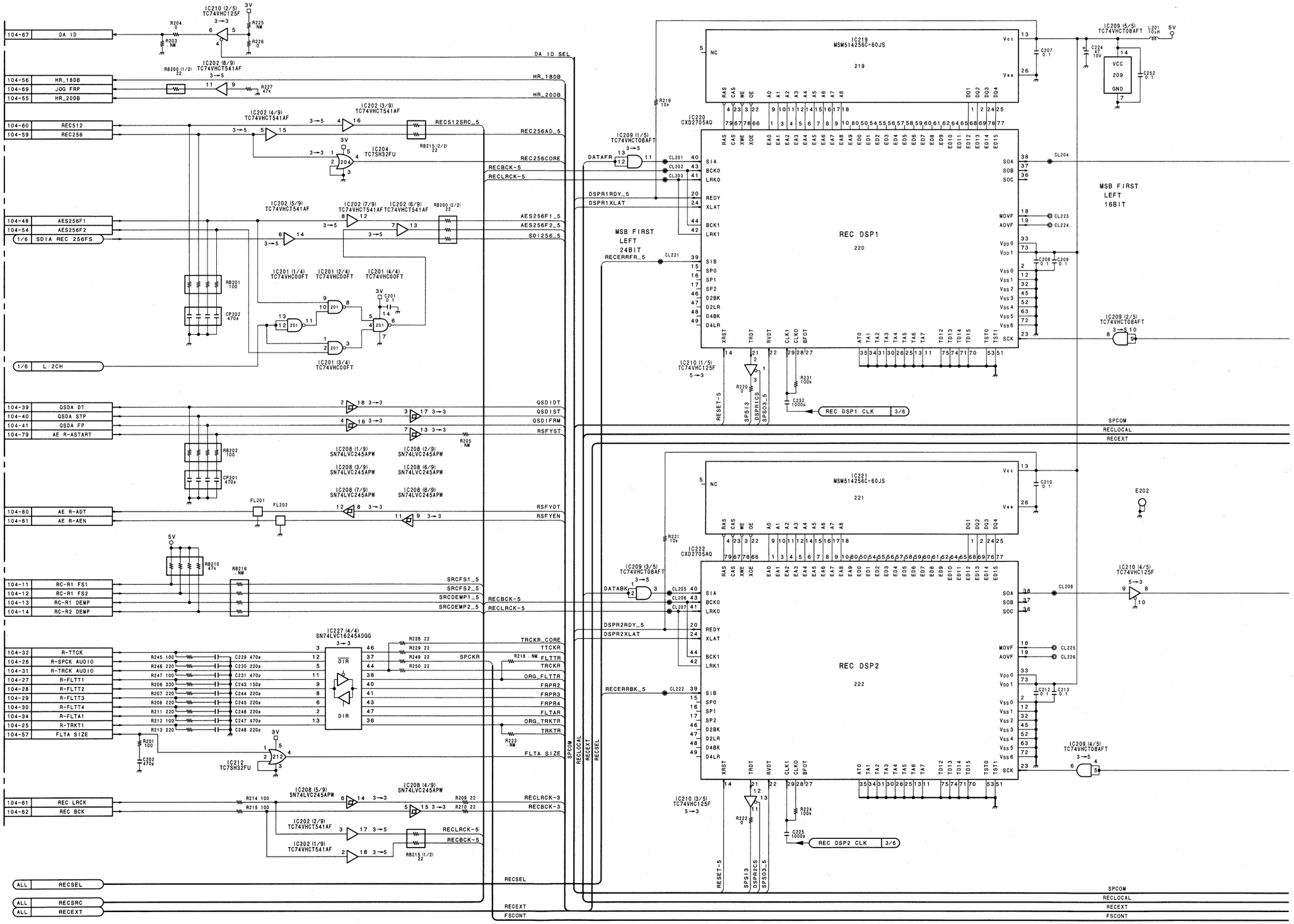
CP-281
MODEL DSR-85/85P

DA-120 (1/6) : DIGITAL AUDIO PROCESS

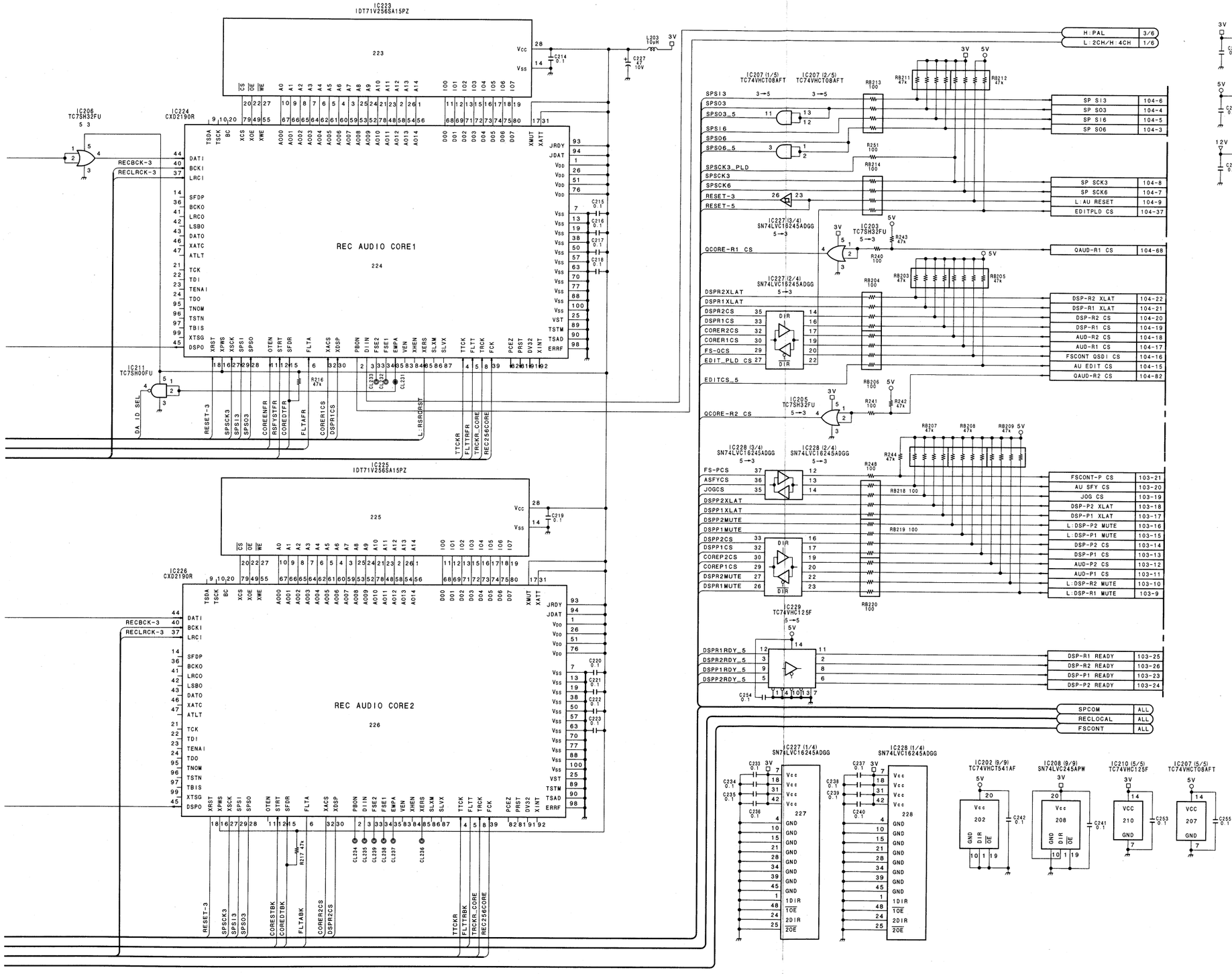



5V
L102 10μH
MSB FIRST LEFT 18BIT
MSB FIRST LEFT 24BIT
SEL DATA1
SEL BCK1
SEL LRCK1
IC116 CXD8517Q
SAMPLE RATE CONVERTER
116
DATAI
BCKI
LRCKI
FI128
XI
SCK
SWDT
XLAT
MUTE
FS1
FS2
DEMP
INIT
VDD
GND
DATAO
BCKO
LRCKO
XO2
MI0
MI1
MO0
MO1
PASS
FIS0
FIS1
SLAVE
TEST1
TEST2
TEST3
STA
XO
TEST
NC
SRC256F1_5
REC512SRC_5
SRCFS1_5
SRCFS2_5
SRCDEMP1_5
SRCDEM1
IC101 (2/5) TC74VHCT541AF
3 → 5
R117 NM
R119 0
C118 0.1
C119 0.1
C120 0.1
RECLRCK-5
RECDT1_5
RECBCK-5
RECLRCK-5
IC112 (2/2) SM74LS123NS
R122 NM
C124 NM
C117 47 10V
IC117 CXD8517Q
SELDATA2
SELBCK2
SELLRCK2
SRC256F2_5
REC512SRC_5
SRCFS1_5
SRCFS2_5
SRCDEMP2_5
SRCDEM2
IC101 (3/5) TC74VHCT541AF
3 → 5
R118 NM
R120 0
C121 0.1
C122 0.1
C123 0.1
RECDT2_5
RECBCK-5
RECLRCK-5
IC110 (6/6) SN74HC04APW
R121 47k
CL101
IC101 (4/5) TC74VHCT541AF
3 → 5
MI0
MI1
RECSEL 2, 3/5
RECSRC 2, 3/5
SPCOM ALL
FSCONT ALL
RECEXT ALL

DA-120 (2/6) : DIGITAL AUDIO PROCESS

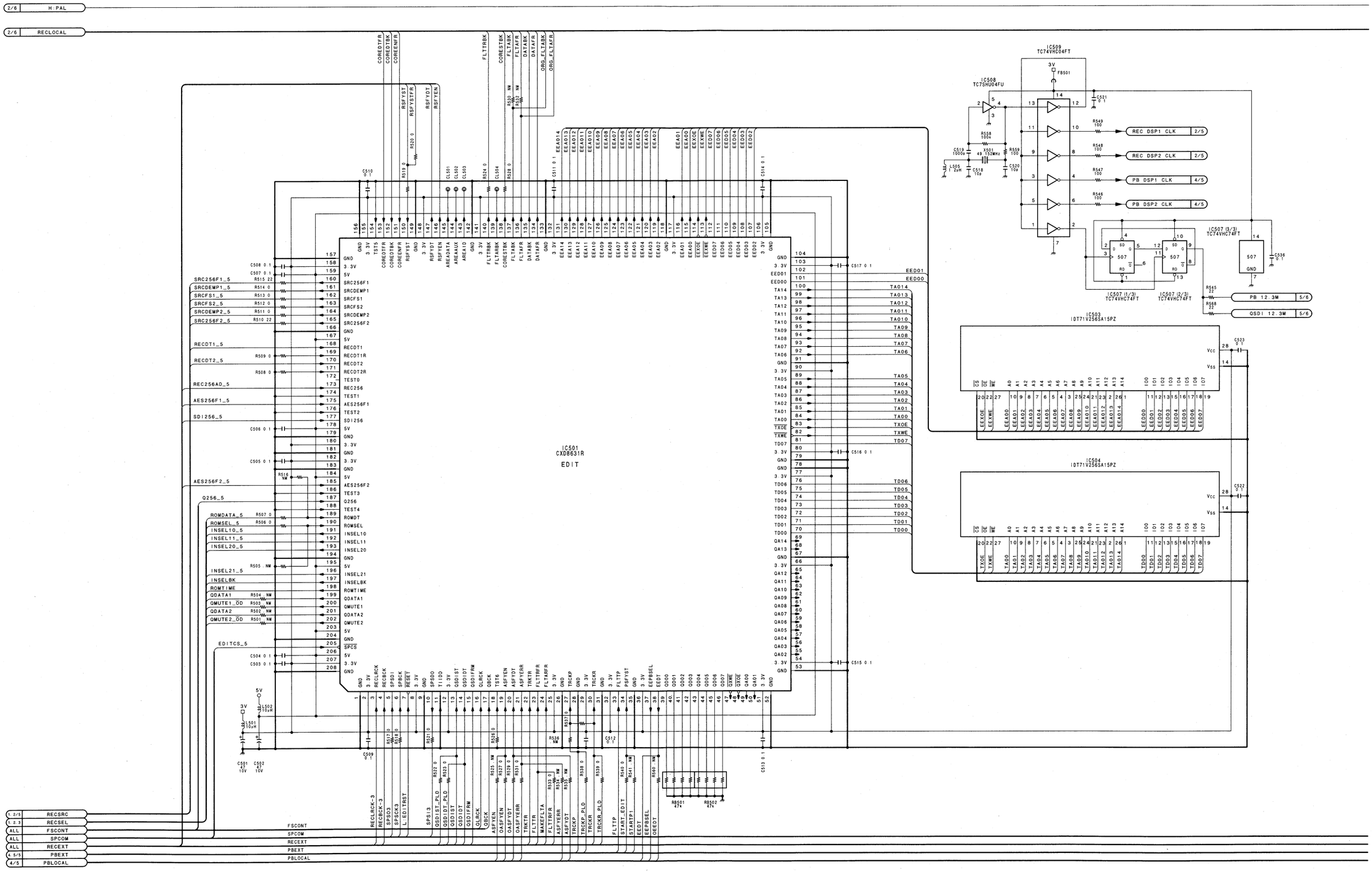


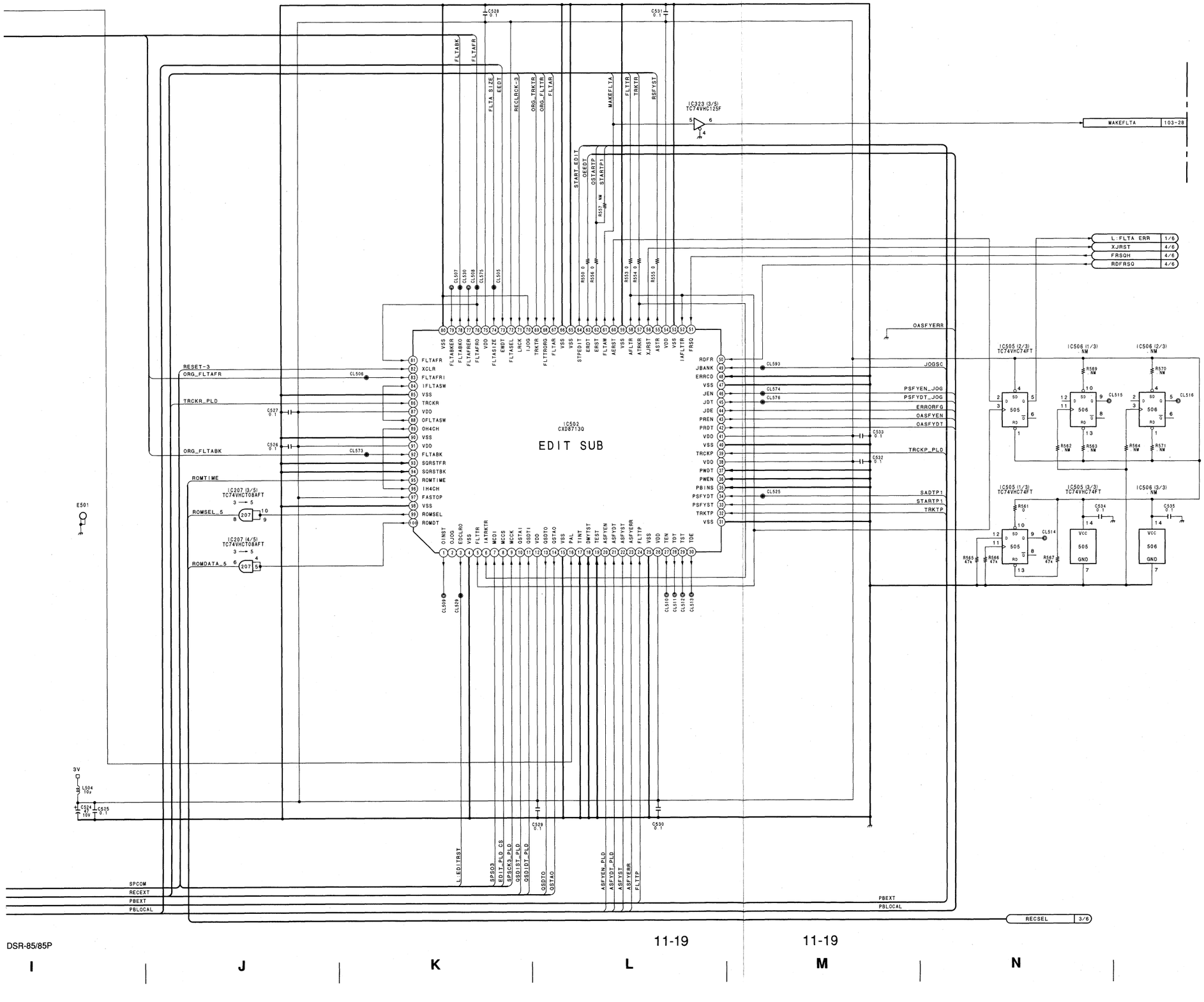
DA-120 (2/6)



DA-120 (2/6)
MODEL DSR-85/85P

DA-120 (3/6) : DIGITAL AUDIO PROCESS





DSR-85/85P

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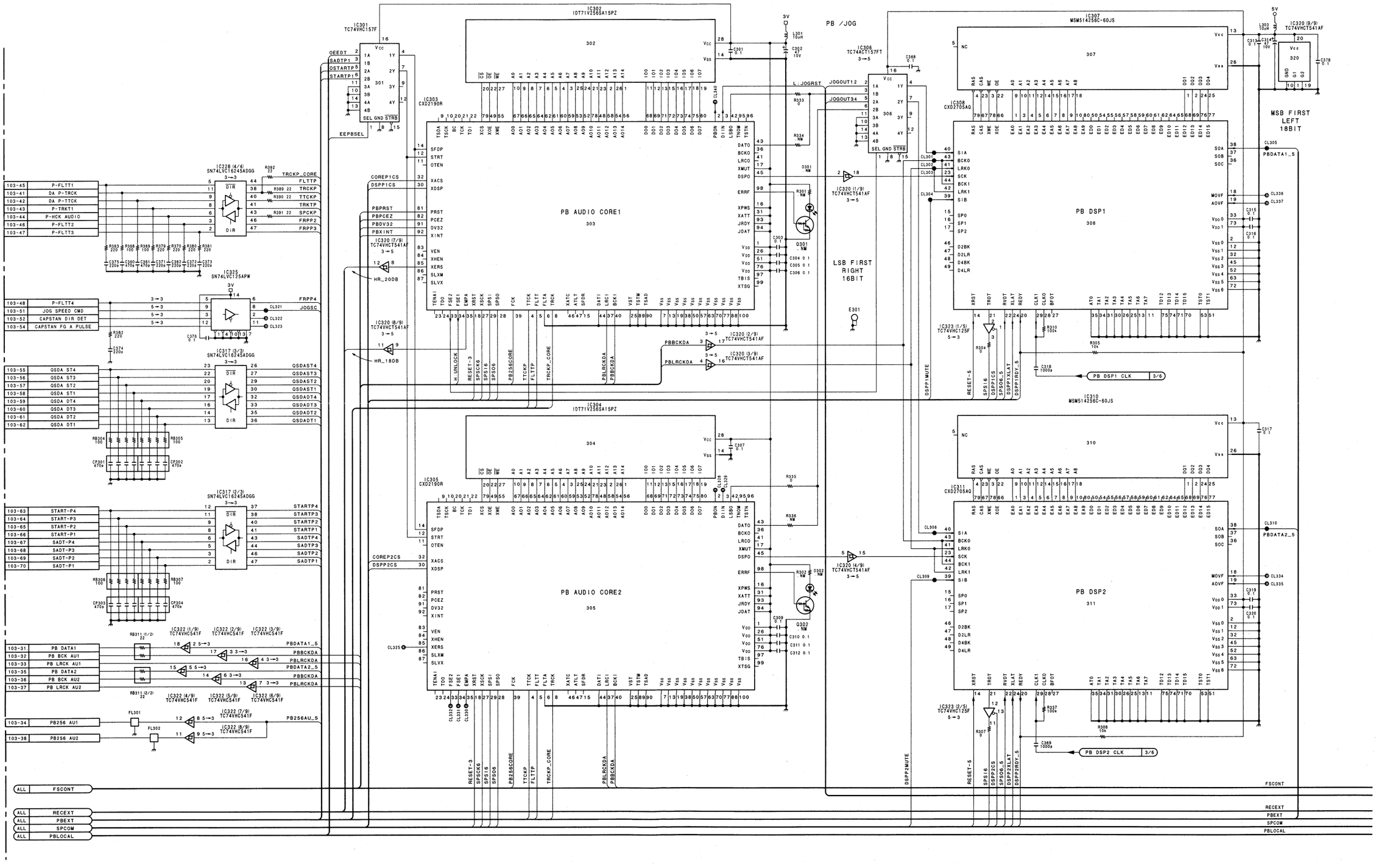
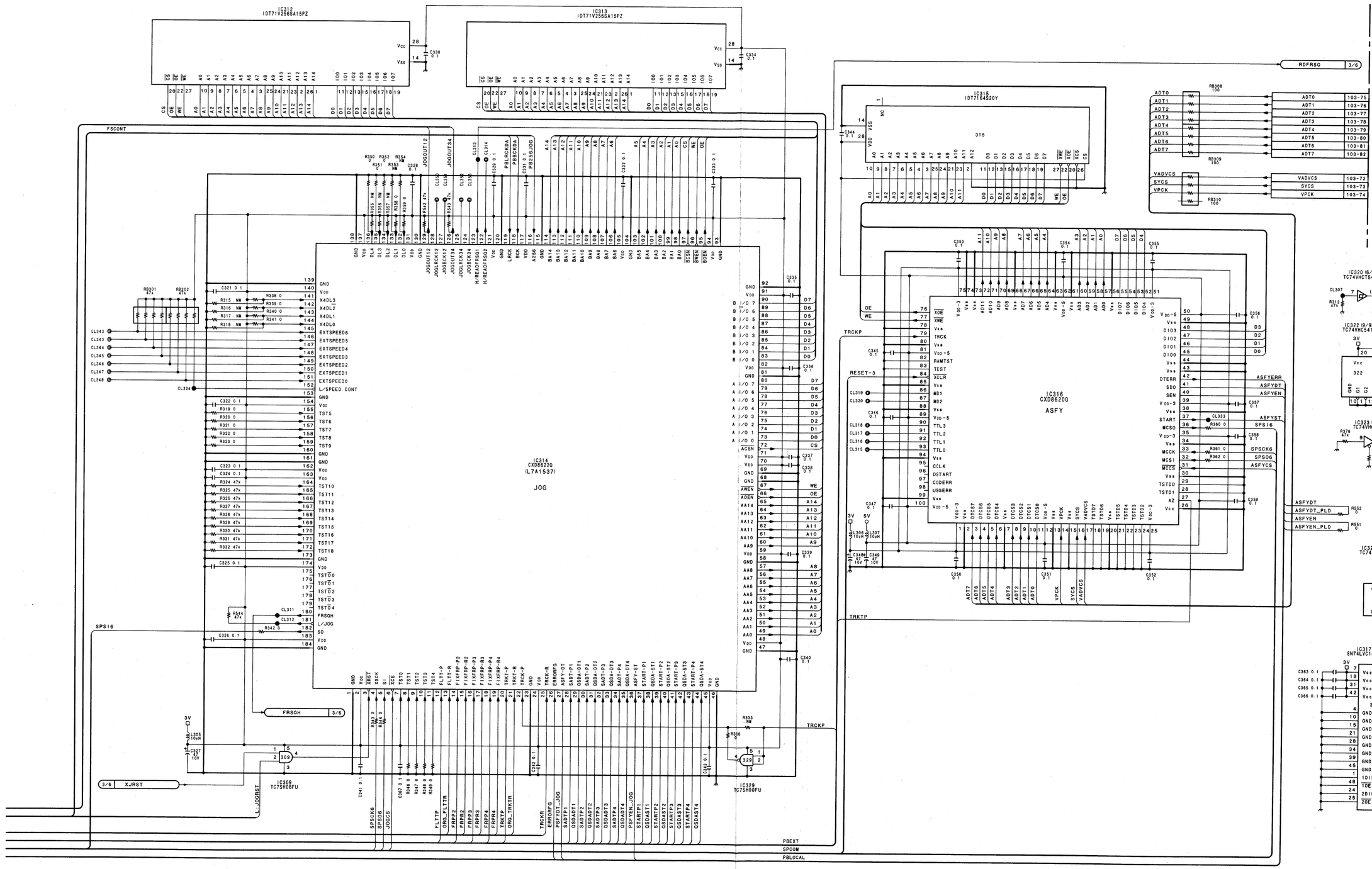
DA-120 (3/6)
MODEL DSR-85/85P

DA-120 (4/6) : DIGITAL AUDIO PROCESS

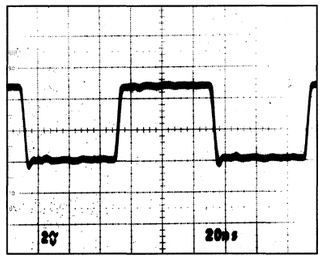


DA-120 (4/6)

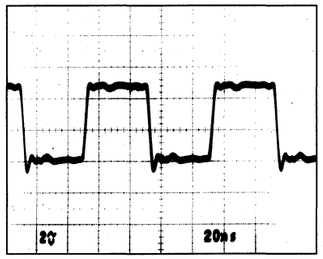

IC312 IDT71V256SA15PZ
IC313 IDT71V256SA15PZ
IC315 IDT71642S20Y
IC316 CXD8620Q ASFY
IC314 CXD8622Q (L7A1537) JOG
IC309 TC7SH08FU
IC329 TC7SH00FU
IC320 (6/9) TC74VHCT541AF
IC322 (9/9) TC74VHC541F
IC323 (4/5) TC74VHC125F
IC323 (5/5) TC74VHC125F
IC317 (1/3) SN74LVCT6245ADGG
FSCONT
FRSQH 3/6
XJRST 3/6
RDFRSQ 3/6
TRCKP
TRKTP
SPSI6
PBEXT
SPCOM
PBLOCAL
ASFYERR
ASFYDT
ASFYEN
ASFYST
SPSI6
SPSCK6
SPSO6
ASFYCS
ASFYDT_PLD
ASFYEN_PLD

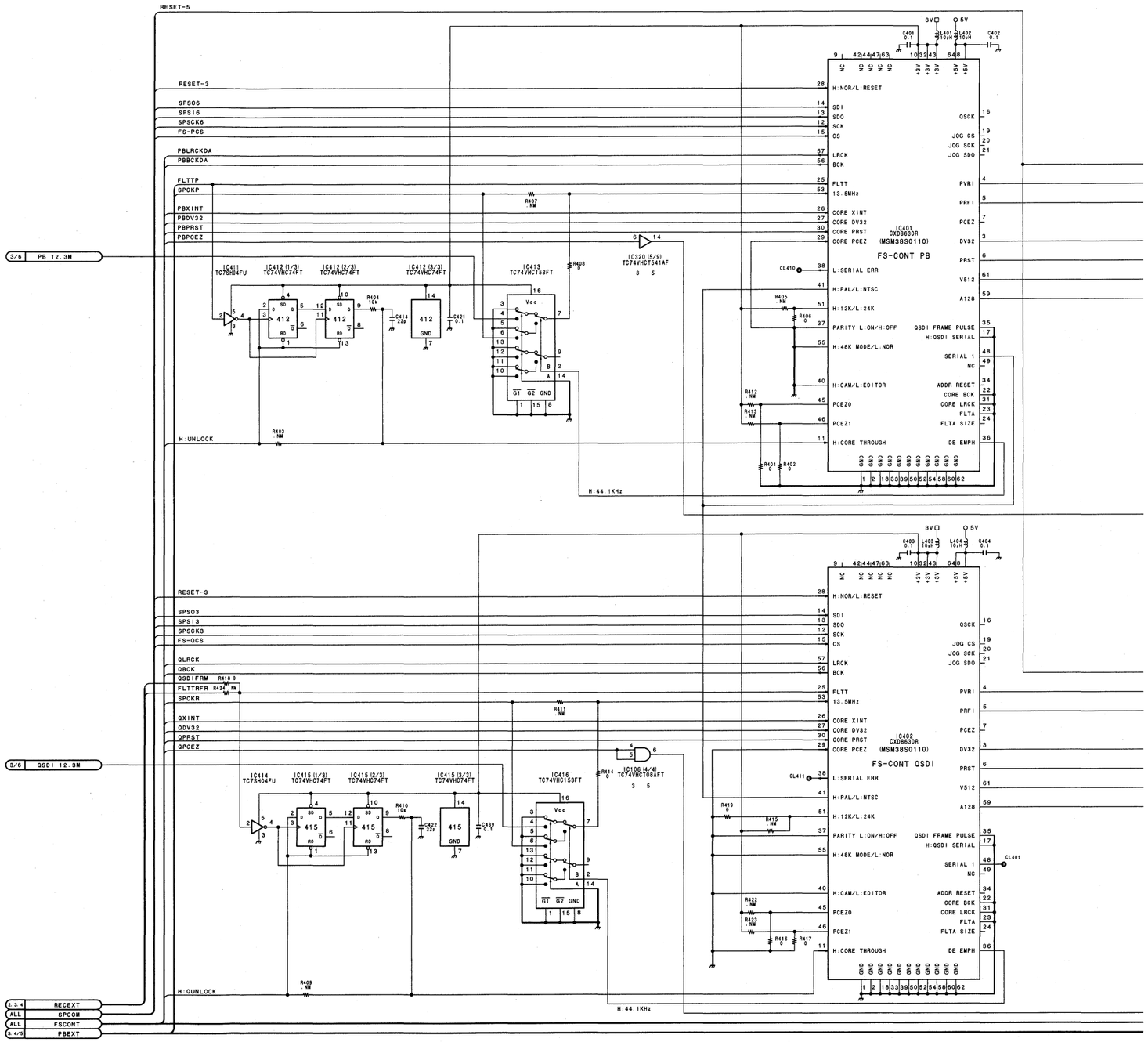
DA-120 (5/6) : DIGITAL AUDIO PROCESS

① TP401 MODE: PB

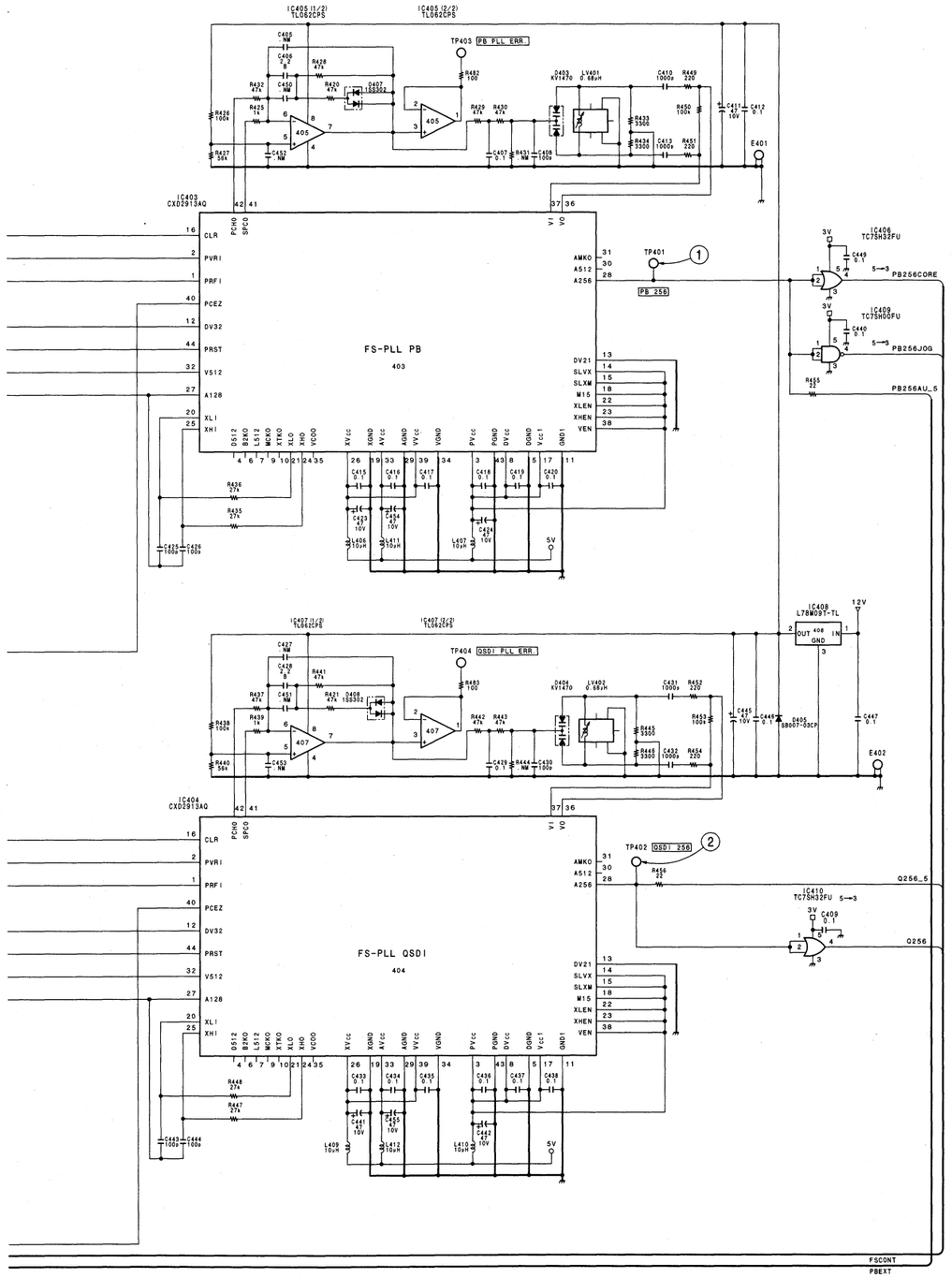


② TP402 MODE: PB/REC

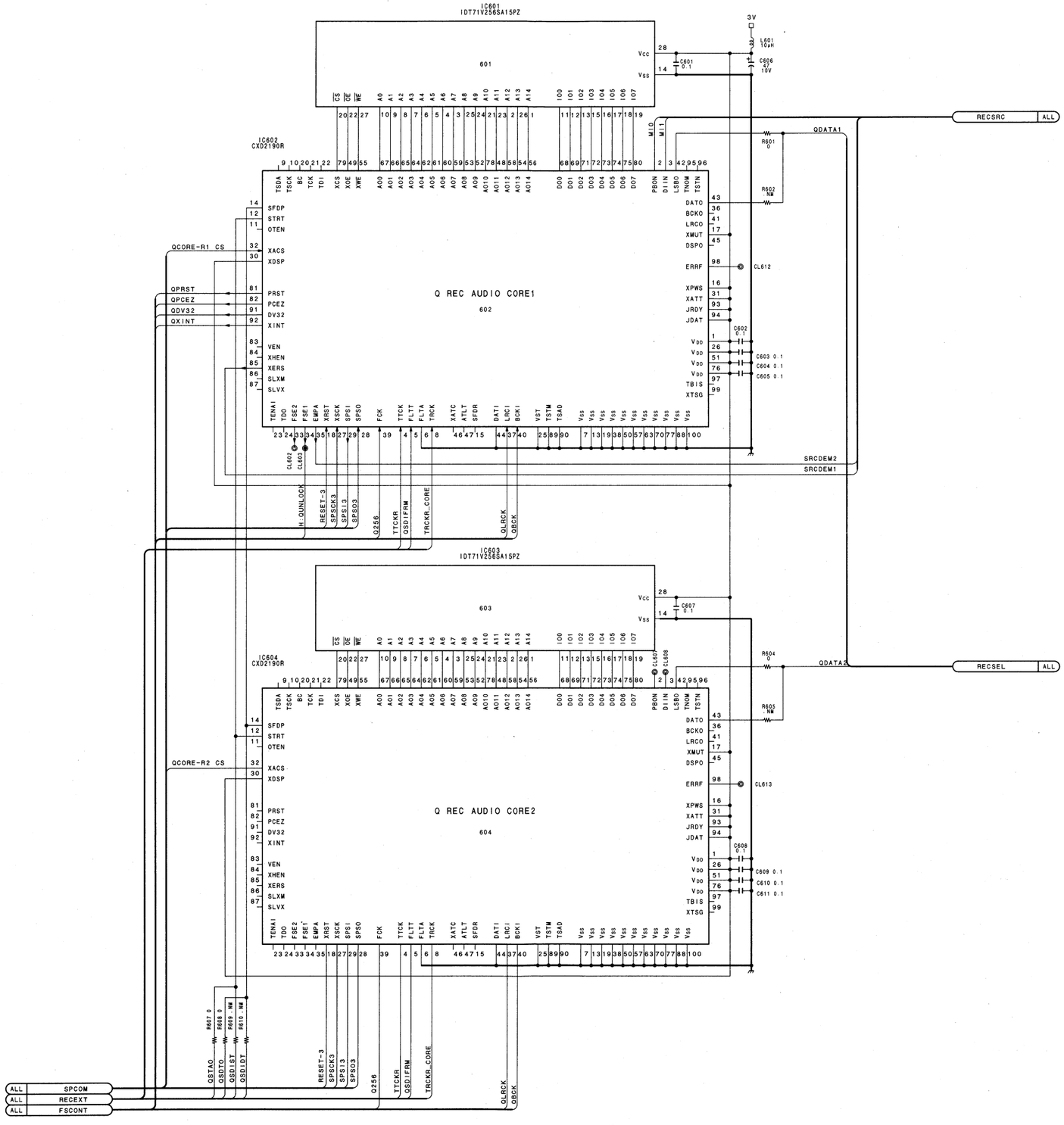




DA-120 (5/6)


IC405 (1/2) TL062CPS
IC405 (2/2) TL062CPS
TP403 PB PLL ERR
IC403 CXD2913AQ
FS-PLL PB
403
TP401
PB 256
IC406 TC7SH32FU
IC409 TC7SH00FU
PB256CORE
PB256JOG
PB256AU_5
IC408 L78M09T-TL
12V
5V
3V
IC407 (1/2) TL062CPS
IC407 (2/2) TL062CPS
TP404 QSDI PLL ERR
IC404 CXD2913AQ
FS-PLL QSDI
404
TP402 QSDI 256
IC410 TC7SH32FU
Q256_5
Q256
FSCONT
PBEXT

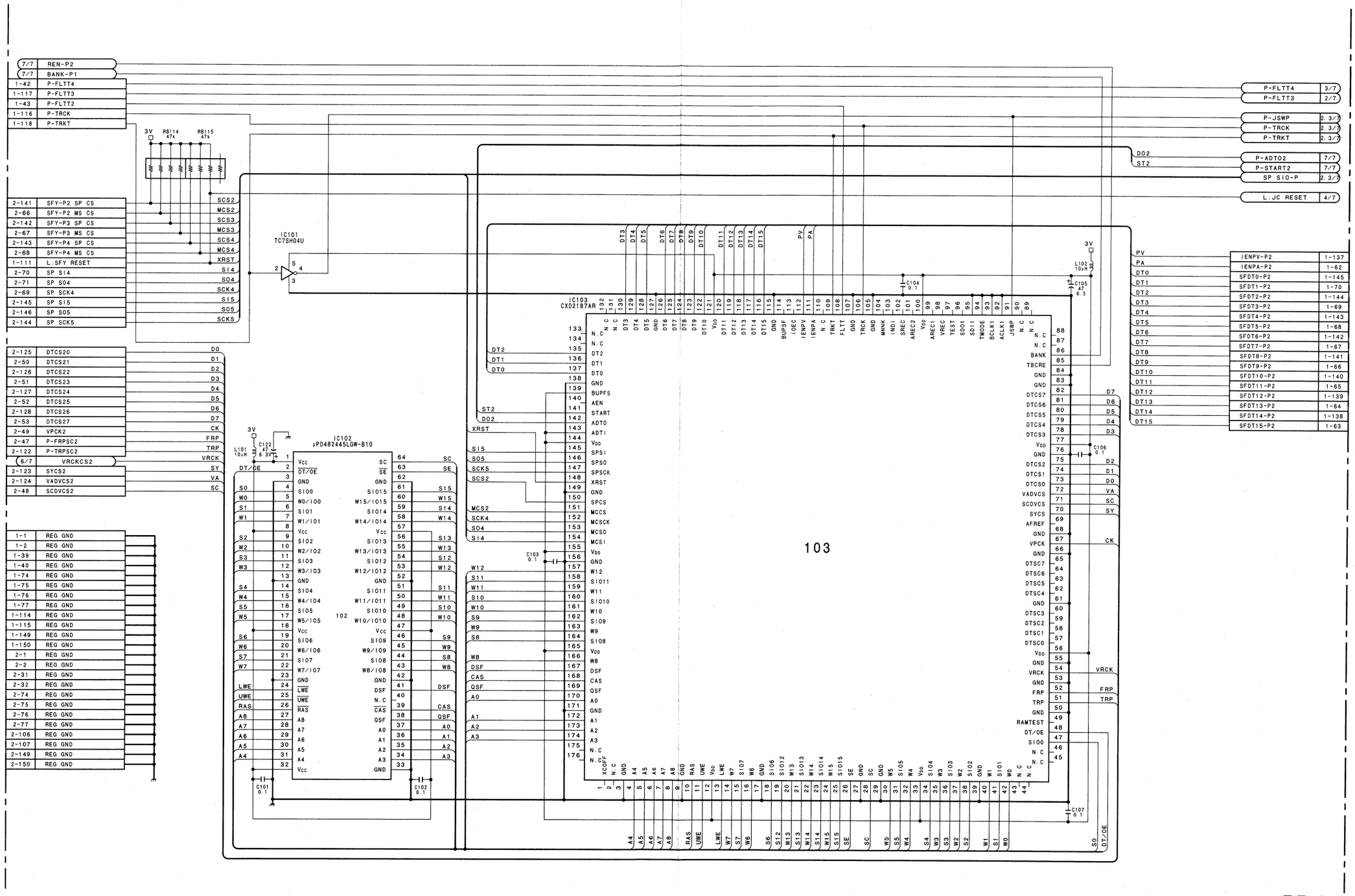
DA-120 (6/6) : DIGITAL AUDIO PROCESS



DA-120 (6/6)
MODEL DSR-85/85P

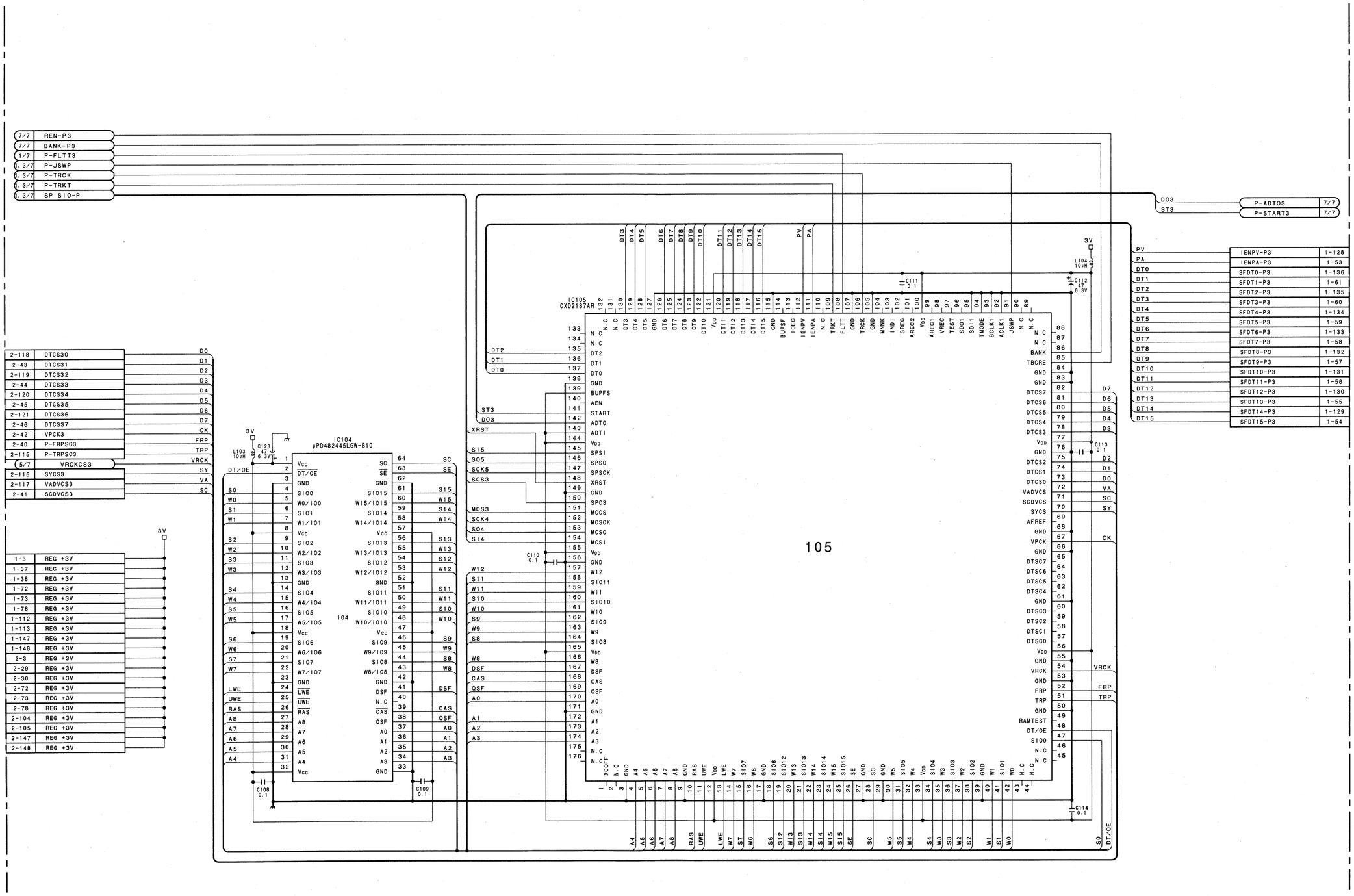
DSR-85/85P

DD-31 (1/7) : X4 DATA PROCESS



DD-31 (1/7)
MODEL DSR-85/85P

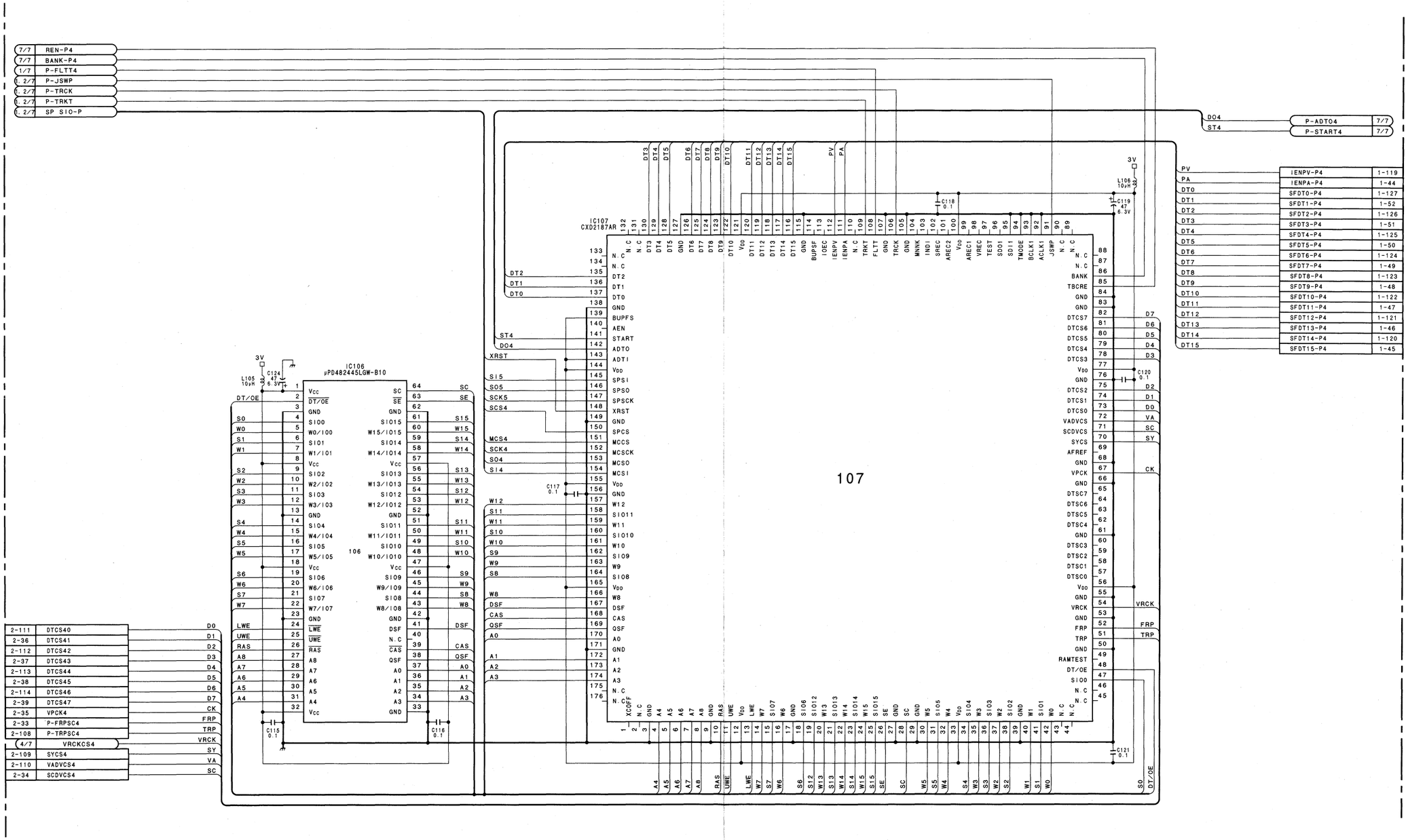
DD-31 (2/7) : X4 DATA PROCESS



DD-31 (2/7)
MODEL DSR-85/85P

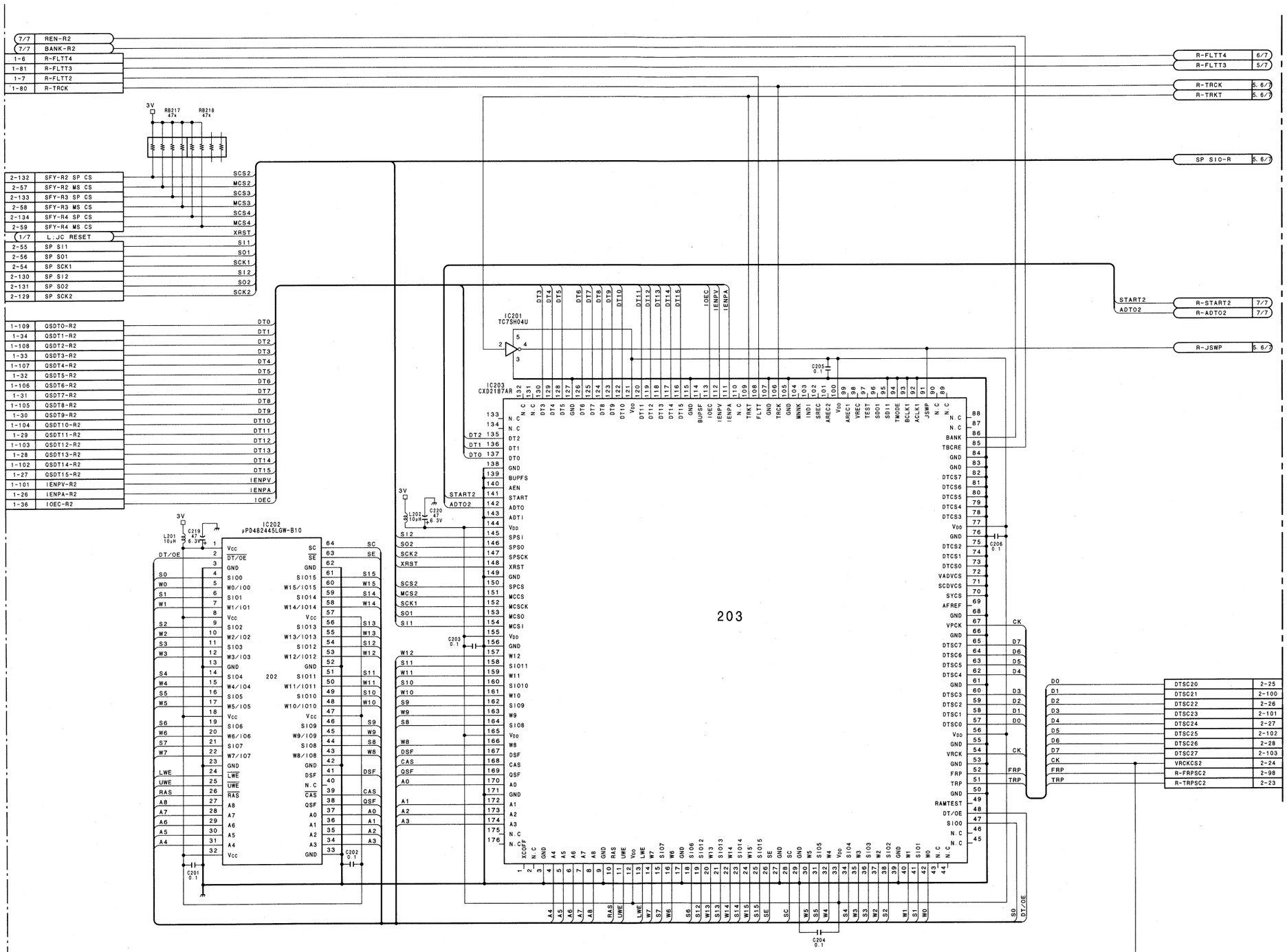
DSR-85/85P

DD-31 (3/7) : X4 DATA PROCESS



DD-31 (3/7)
MODEL DSR-85/85P

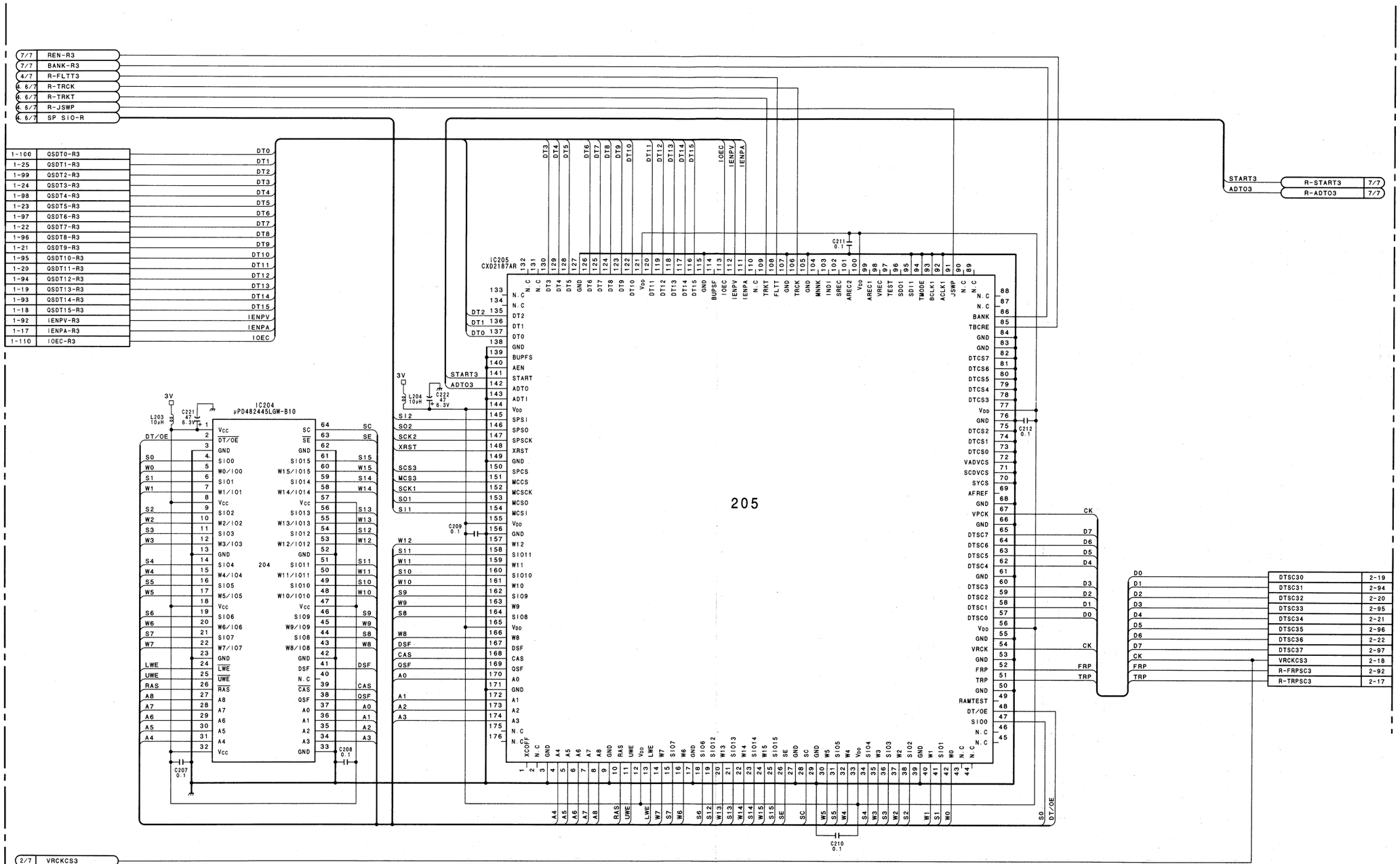
DD-31 (4/7) : X4 DATA PROCESS



DD-31 (4/7)
MODEL DSR-85/85P

DSR-85/85P

DD-31 (5/7) : X4 DATA PROCESS

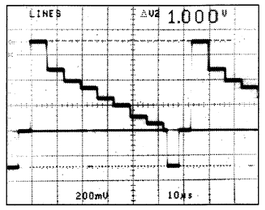


DD-31 (5/7)
MODEL DSR-85/85P

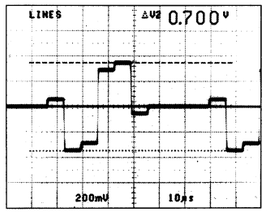
DDE-4/4P : VIDEO INPUT PROCESS

for DDE-4 (NTSC)
(1/6)

① TP100 75% Color bars,
MODE: REC/EE
INPUT: COMPONENT

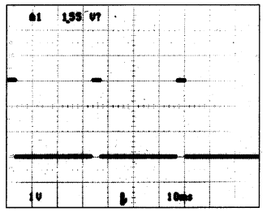


⑤ TP102 MODE: REC/EE
INPUT: COMPONENT

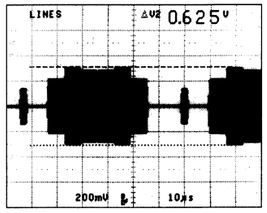


for DDE-4 (NTSC)
(6/6)

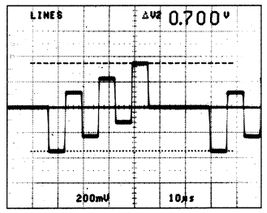
① TP602 MODE: REC/EE



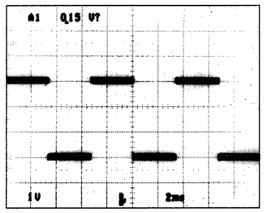
② TP104 MODE: REC/EE
INPUT: S VIDEO



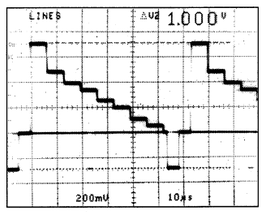
⑥ TP101 MODE: REC/EE
INPUT: COMPONENT



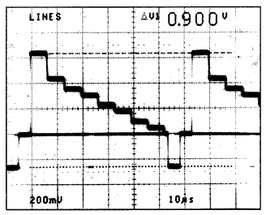
② TP603 MODE: REC/EE



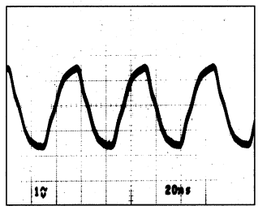
③ TP103 MODE: REC/EE
INPUT: S VIDEO



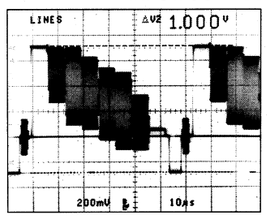
⑦ TP106 MODE: REC/EE
INPUT: COMPONENT



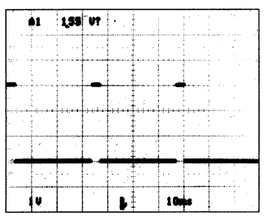
③ TP604 MODE: REC/EE



④ TP105 MODE: REC/EE
INPUT: COMPOSITE

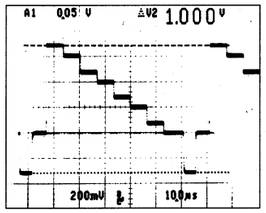


④ TP605 MODE: REC/EE

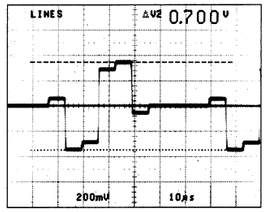


for DDE-4P (PAL)
(1/6)

① TP100 100% Color bars,
MODE: REC/EE
INPUT: COMPONENT

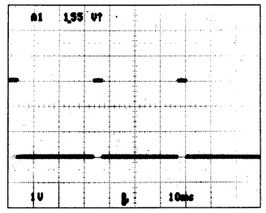


⑤ TP102 MODE: REC/EE
INPUT: COMPONENT

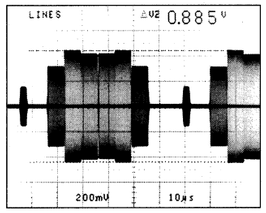


for DDE-4P (PAL)
(6/6)

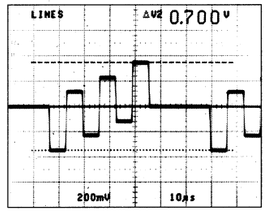
① TP602 MODE: REC/EE



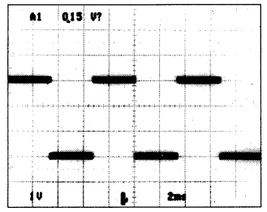
② TP104 MODE: REC/EE
INPUT: S VIDEO



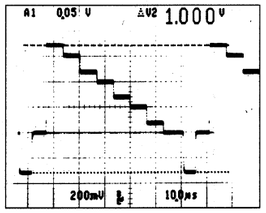
⑥ TP101 MODE: REC/EE
INPUT: COMPONENT



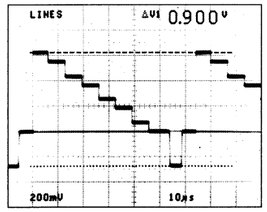
② TP603 MODE: REC/EE



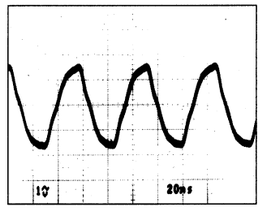
③ TP103 MODE: REC/EE
INPUT: S VIDEO



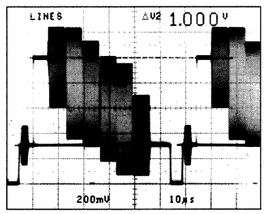
⑦ TP106 MODE: REC/EE
INPUT: COMPONENT



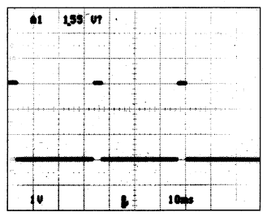
③ TP604 MODE: REC/EE



④ TP105 MODE: REC/EE
INPUT: COMPOSITE

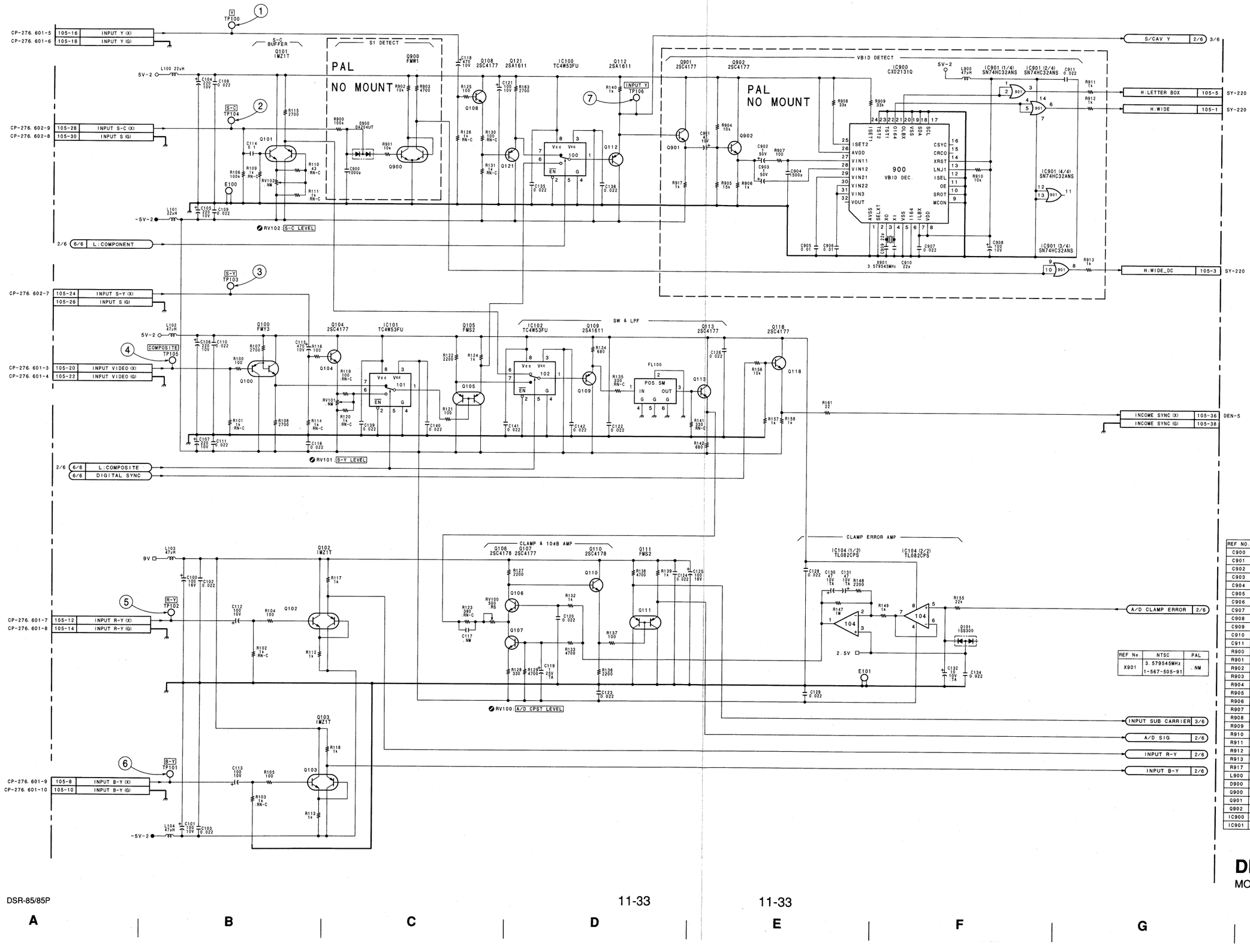


④ TP605 MODE: REC/EE



DDE-4/4P (1/6)

DDE-4/4P (1/6) : VIDEO INPUT PROCESS



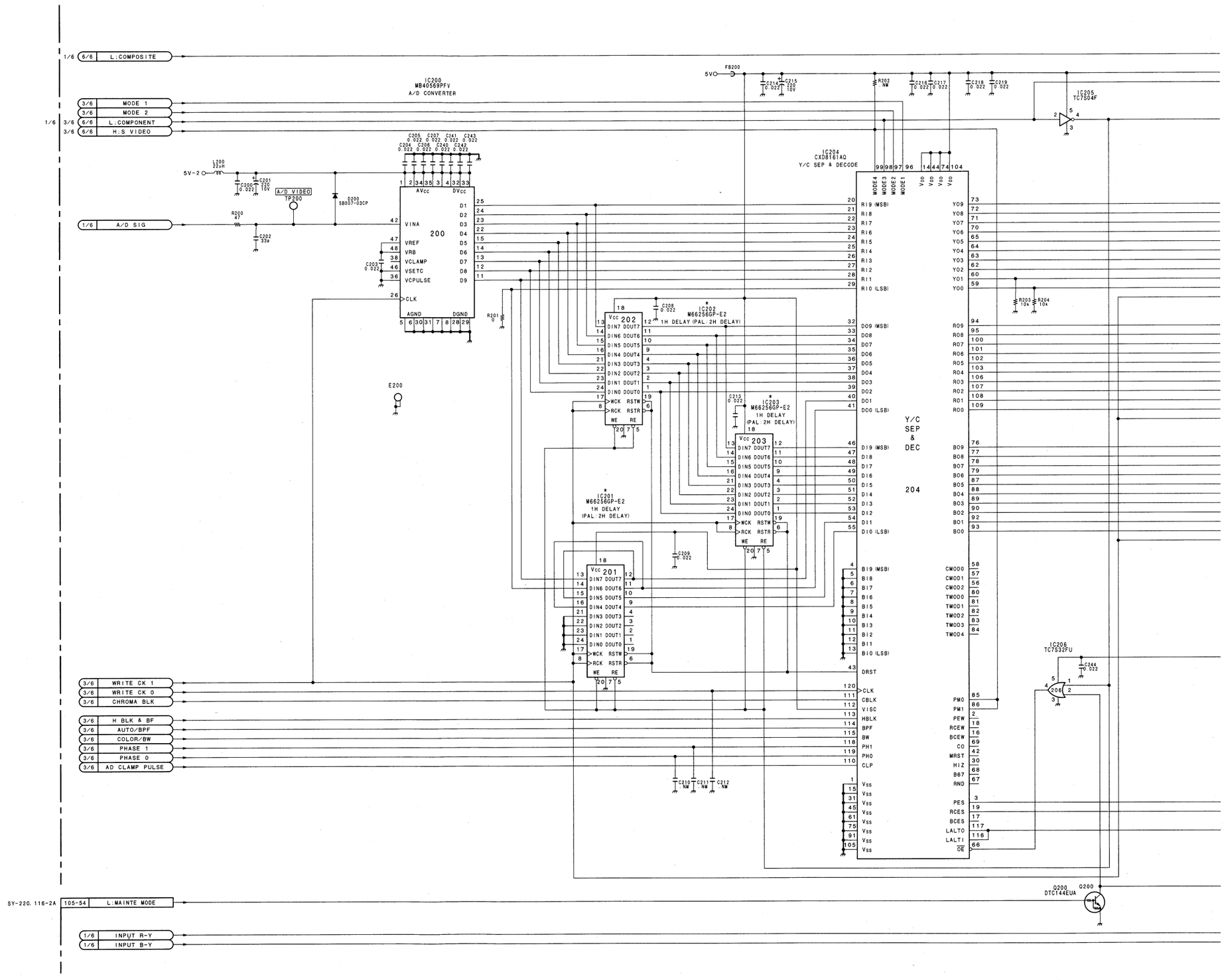
REF. NO.	NTSC	PAL
C900	1000P	. NM
C901	47/10	. NM
C902	1/50V	. NM
C903	1/50V	. NM
C904	1500P	. NM
C905	0.01	. NM
C906	0.01	. NM
C907	0.022	. NM
C908	100/10	. NM
C909	22P	. NM
C910	22P	. NM
C911	0.022	. NM
R900	100K	. NM
R901	10K	. NM
R902	10K	. NM
R903	4700	. NM
R904	10K	. NM
R905	15K	. NM
R906	1K	. NM
R907	100	. NM
R908	33K	. NM
R909	33K	. NM
R910	10K	. NM
R911	1K	. NM
R912	1K	. NM
R913	1K	. NM
R917	1K	. NM
L900	47UH	. NM
D900	DA204UT	. NM
Q900	FMW1	. NM
Q901	2SC4177	. NM
Q902	2SC4177	. NM
IC900	CXD2131Q	. NM
IC901	SN74HC32	. NM

REF No	NTSC	PAL
X901	3.579545MHz 1-567-505-91	. NM

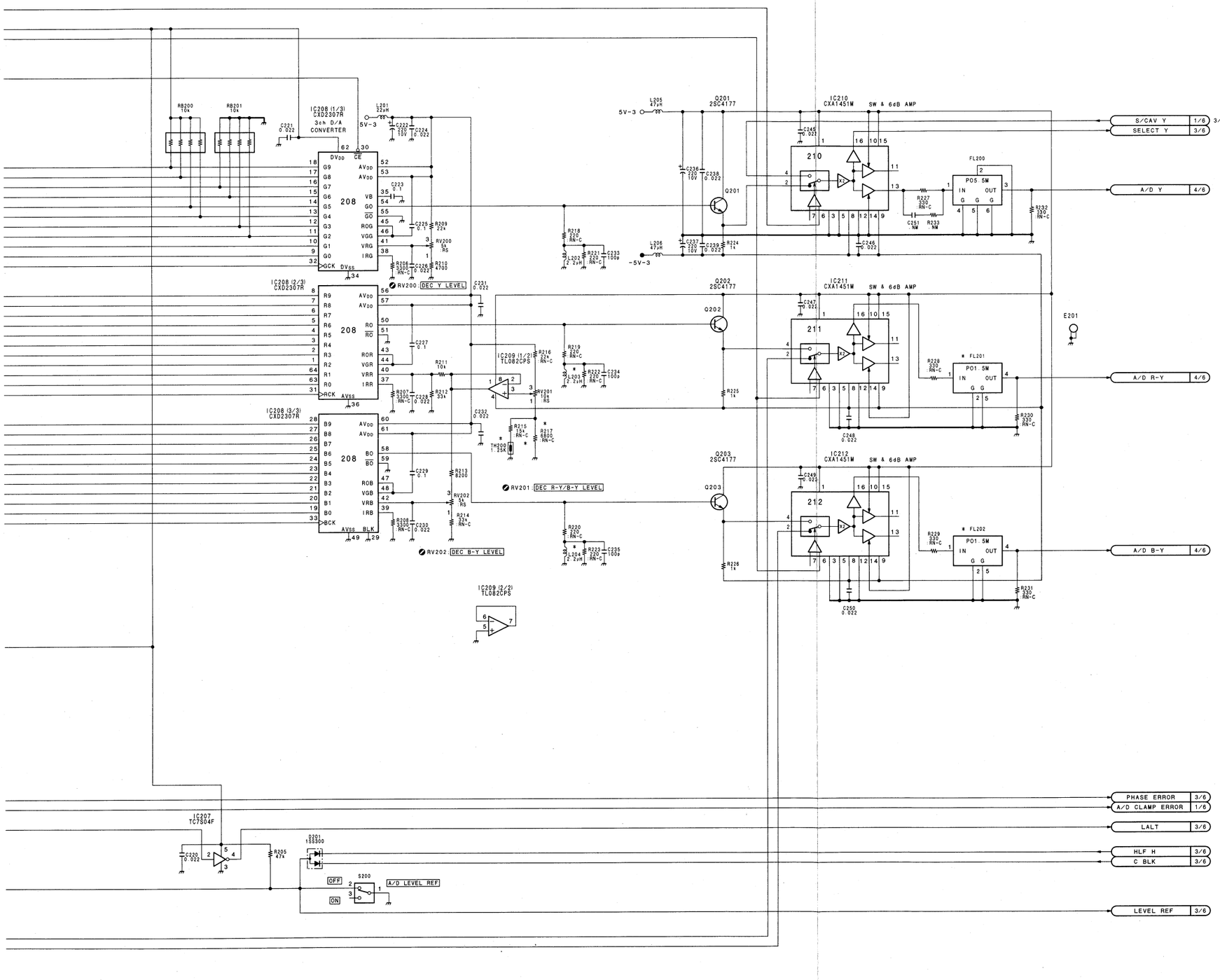
μ = :RN-C

DDE-4/4P (1/6)
MODEL DSR-85/85P

DDE-4/4P (2/6) : VIDEO INPUT PROCESS



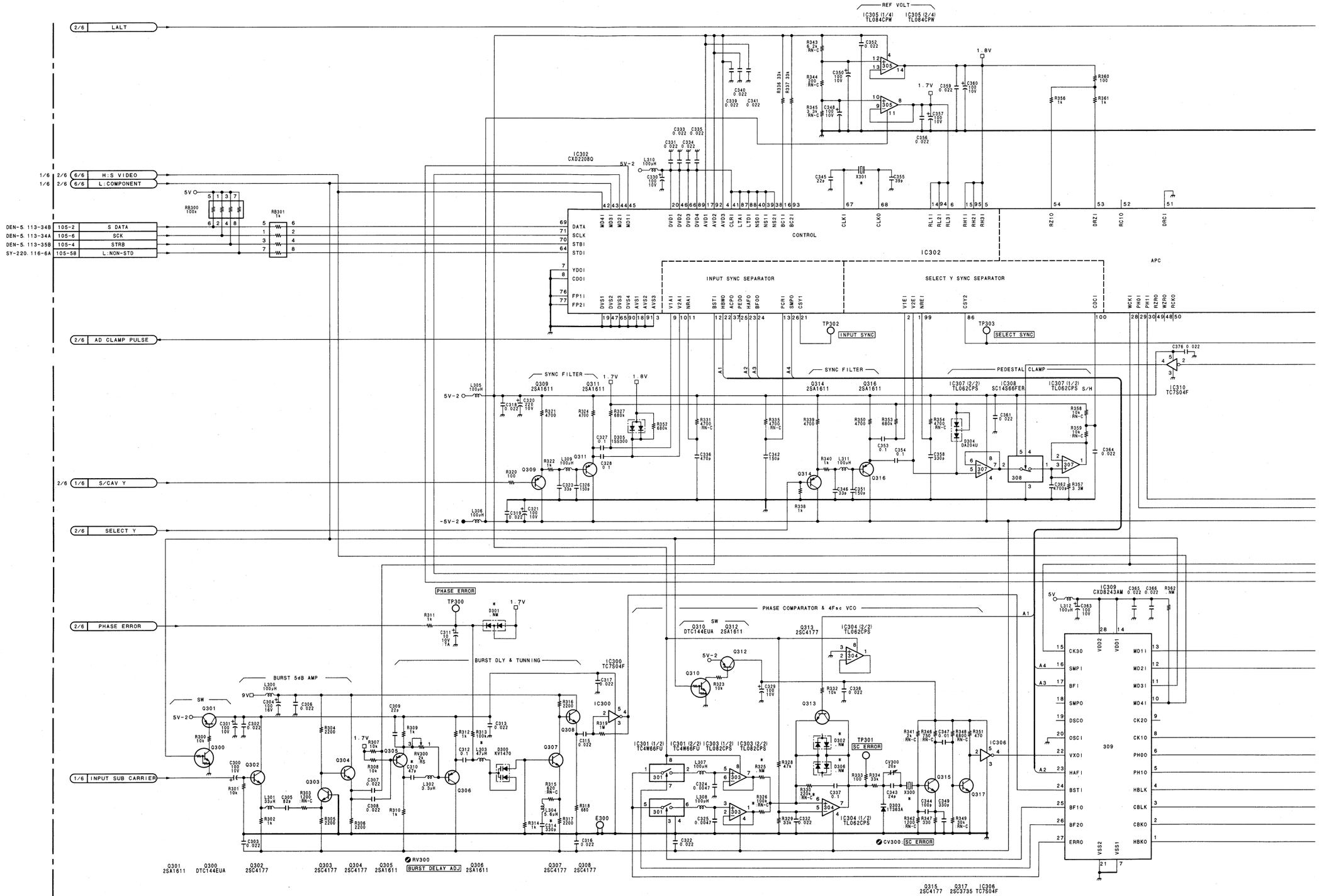
DDE-4/4P (2/6)



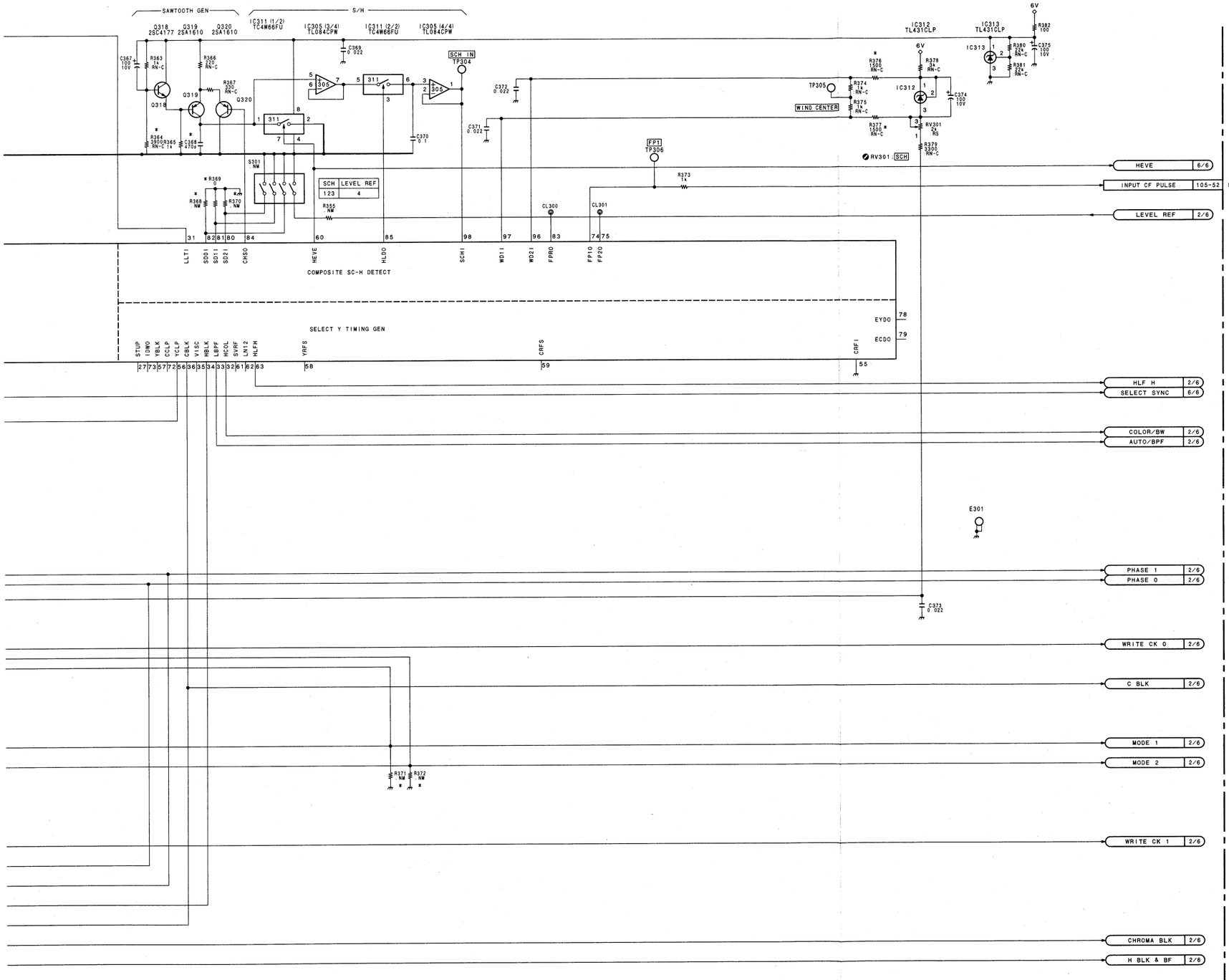
*	NTSC	PAL
R215	▲ 15K	. NM
R217	▲ 6800	▲ 4700
L203	2. 2UH	1. 8UH
L204	2. 2UH	1. 8UH
TH200	1. 25K	. NM
FL201	1-233-598-21	1-233-599-21
FL202	1-233-598-21	1-233-599-21

▲ = : RN-C

DDE-4/4P (3/6) : VIDEO INPUT PROCESS



DDE-4/4P (3/6)



REF NO.	NTSC	PAL
C310	47P	22P
C314	330P	220P
C368	470P	390P
D301	.NM	DA204U
D302	.NM	DA204U
D306	.NM	DA204U
L303	47UH	33UH
R325	.NM	μ330K
R326	μ100K	μ330K
R330	μ220K	μ68K
R364	μ3900	μ3300
R368	.NM	0 .NM
R369	0	0 .NM
R370	.NM	NM 0
R371	.NM	0
R372	.NM	0
R376	μ1500	μ1200
R377	μ1500	μ1200

μ = : RN-C

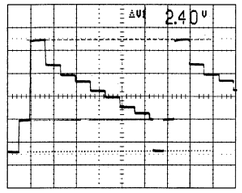
*	NTSC	PAL
X300	14.31818MHz 1-527-722-91	17.734475MHz 1-760-457-91
X301	10.738635MHz 1-760-109-21	10.664135MHz 1-760-183-21

DDE-4/4P (3/6)
MODEL DSR-85/85P

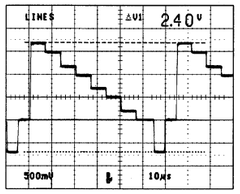
DDE-4/4P (4/6) : VIDEO INPUT PROCESS

1

for DDE-4 (NTSC)
① TP400 75% Color bars, REC/EE

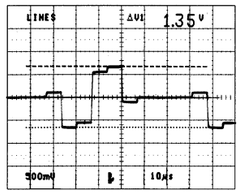


for DDE-4P (PAL)
① TP400 100% Color bars, REC/EE

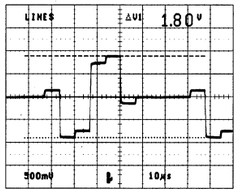


2

② TP402 75% Color bars, REC/EE

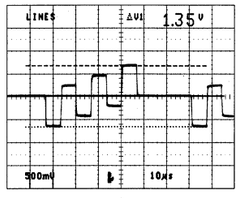


② TP402 100% Color bars, REC/EE

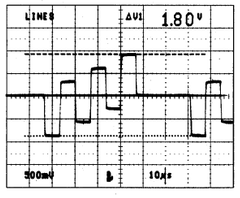


3

③ TP401 75% Color bars, REC/EE

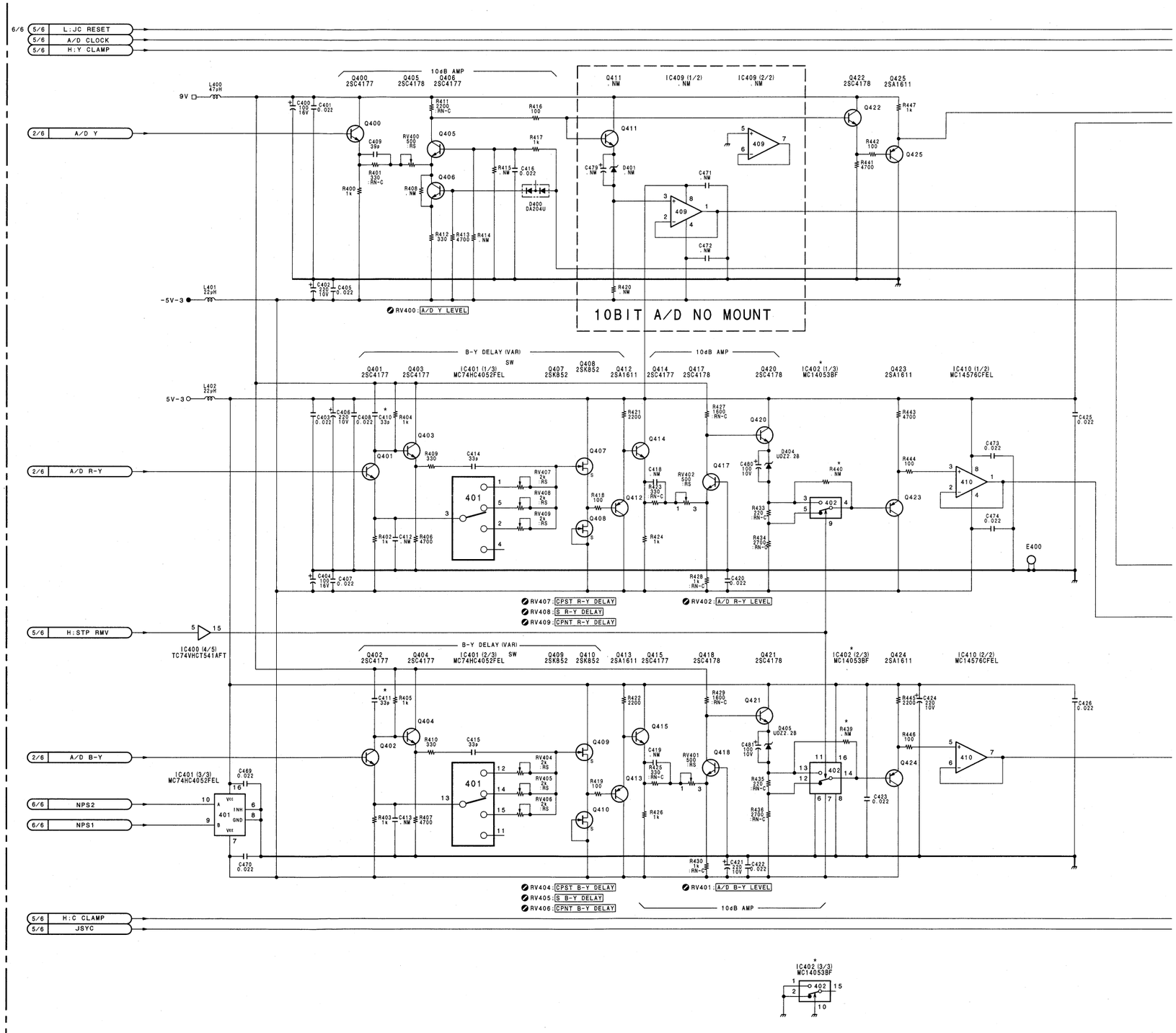


③ TP401 100% Color bars, REC/EE

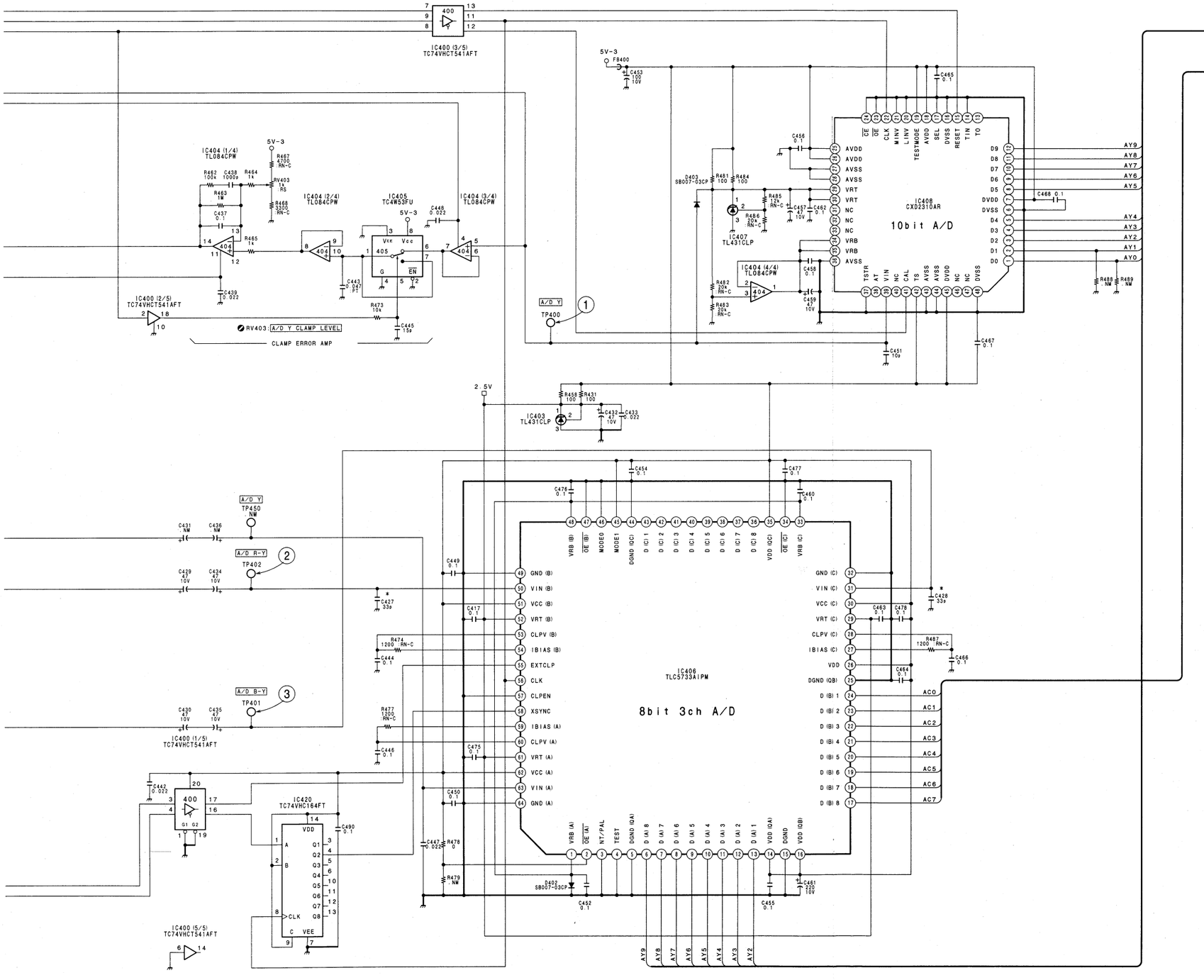


4

5

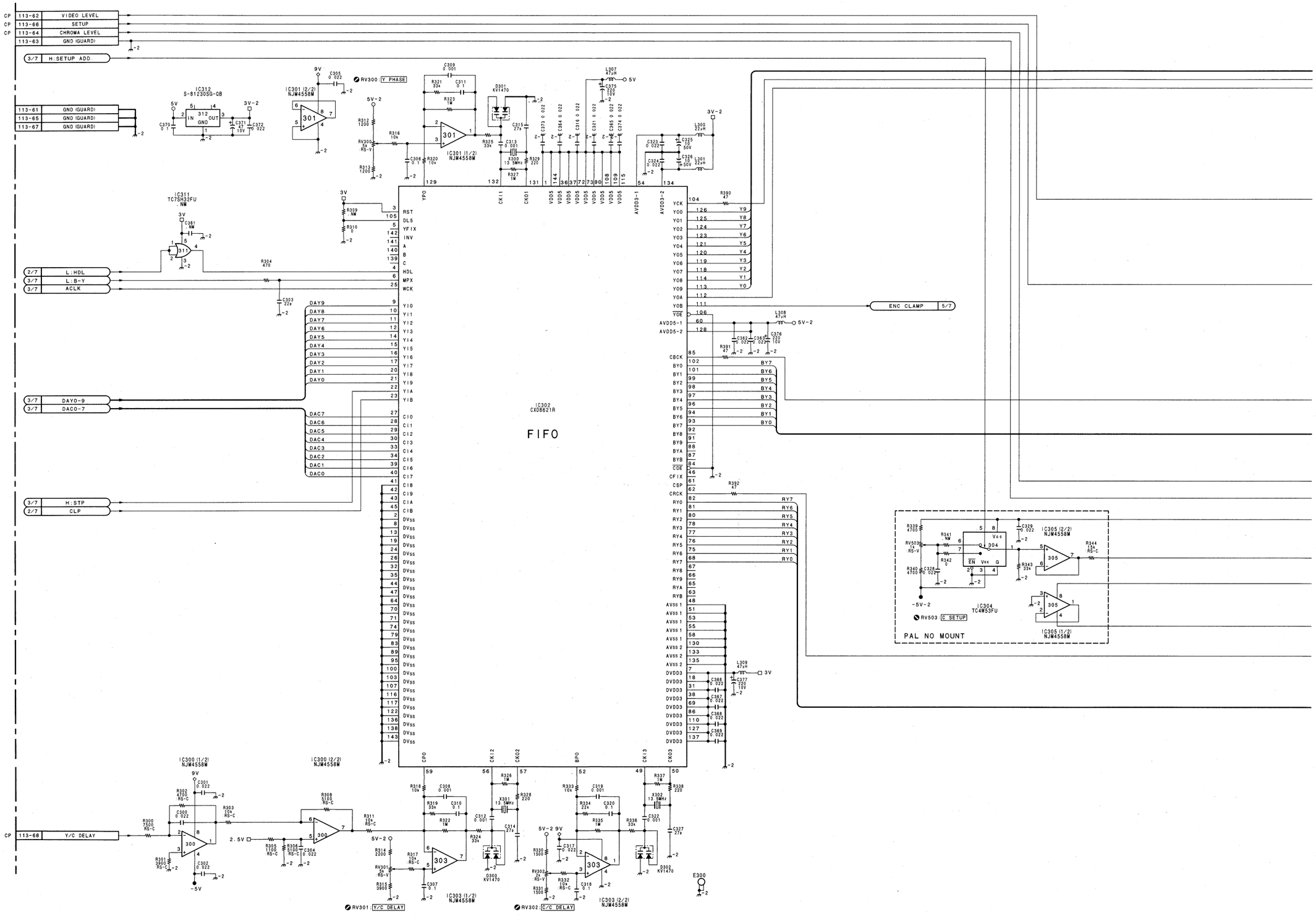


DDE-4/4P (4/6)



REF No.	NTSC	PAL
R439	.NM	0
R440	.NM	0
IC402	MC14053BF	.NM
C410	33P	22P
C411	33P	22P
C427	33P	10P
C428	33P	10P

DEN-5/5P (4/7) : VIDEO OUTPUT PROCESS

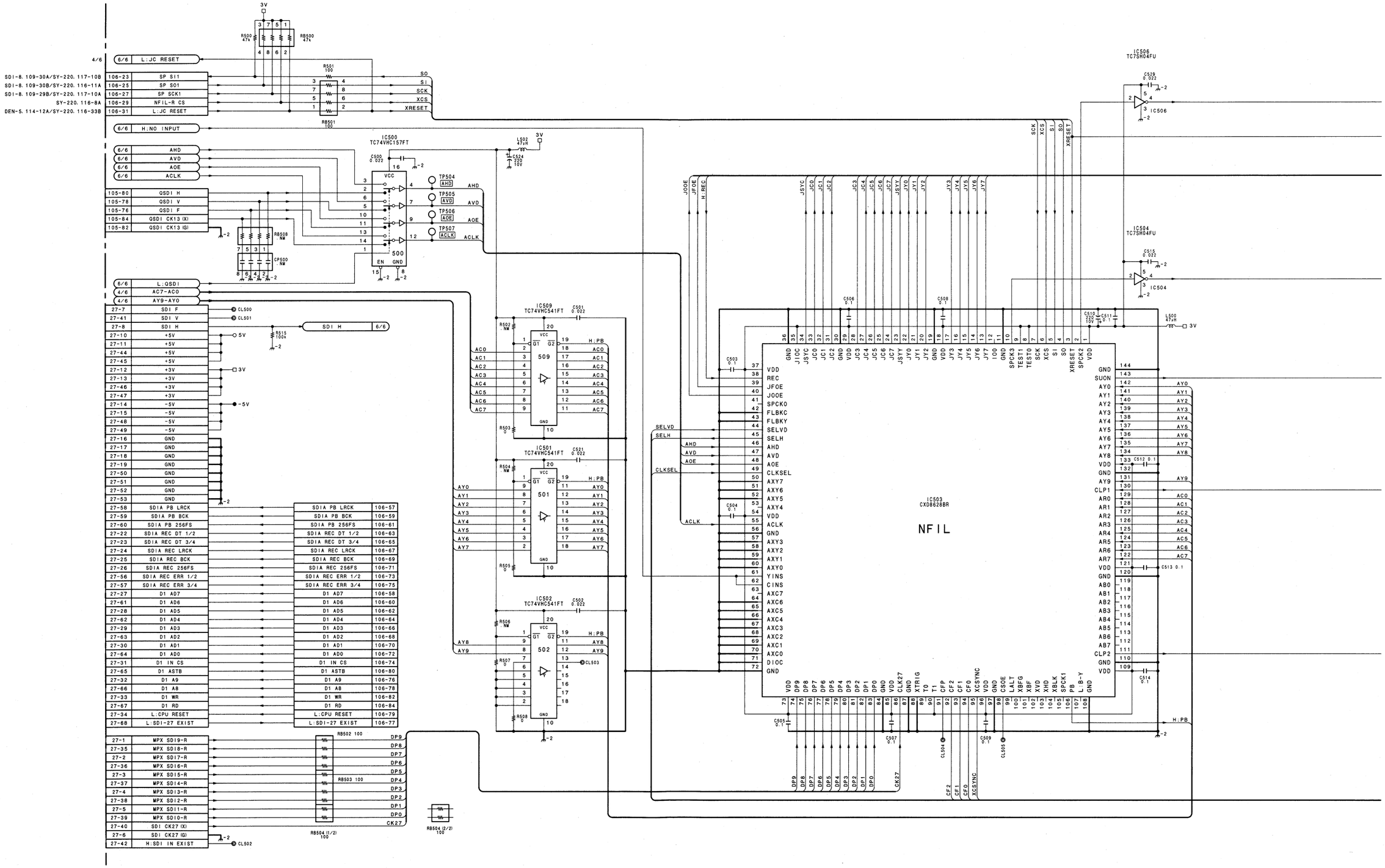


DDE-4/4P (4/6)

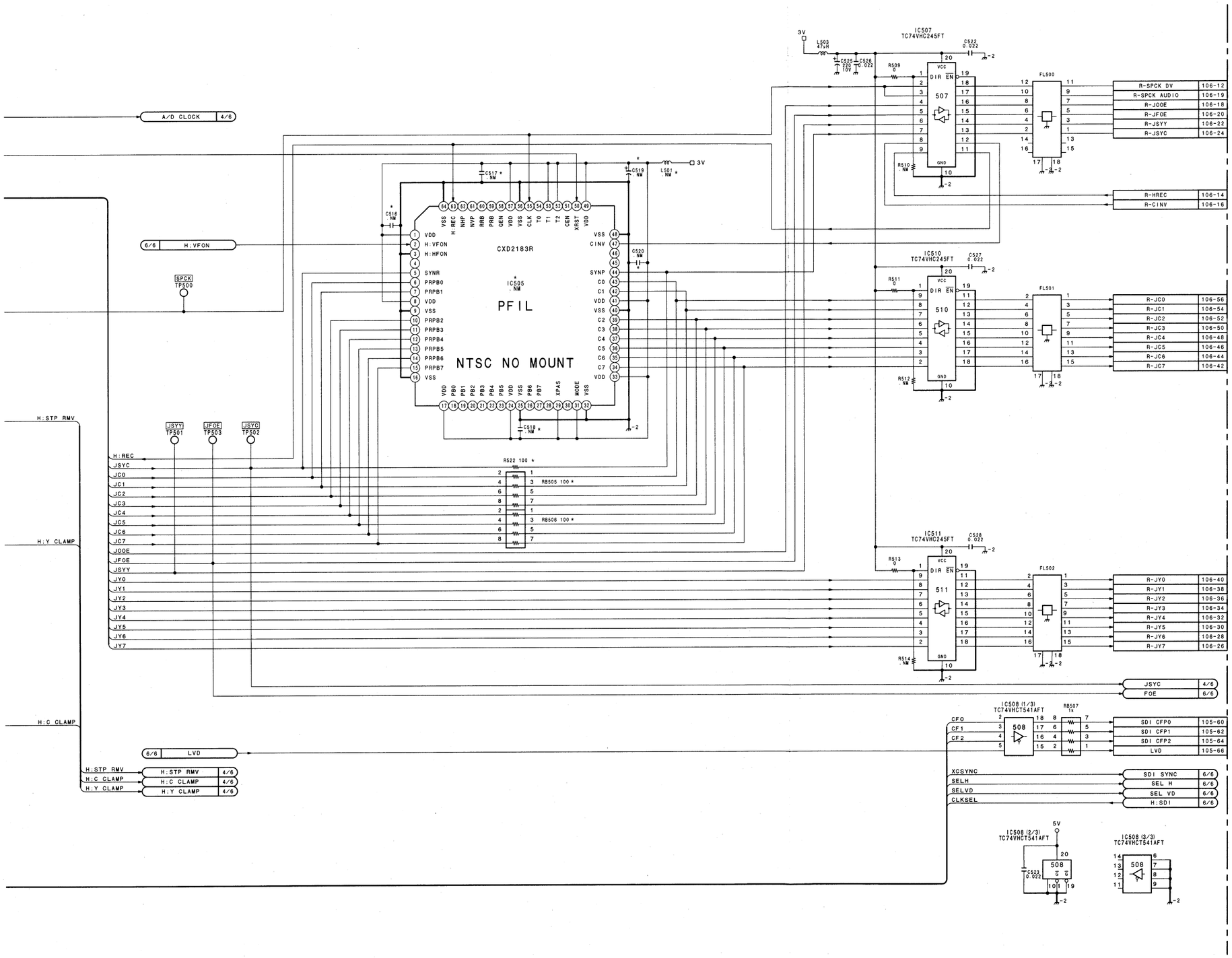
REF No.	NTSC	PAL
R439	. NM	0
R440	. NM	0
IC402	MC14053BF	. NM
C410	33P	22P
C411	33P	22P
C427	33P	10P
C428	33P	10P

IC400 (3/5) TC74VHCT541AFT
IC404 (1/4) TL084CPW
IC404 (2/4) TL084CPW
IC405 TC4W53FU
IC404 (3/4) TL084CPW
IC400 (2/5) TC74VHCT541AFT
RV403: A/D Y CLAMP LEVEL
CLAMP ERROR AMP
IC407 TL431CLP
IC404 (4/4) TL084CPW
IC408 CXD2310AR
10bit A/D
IC403 TL431CLP
IC400 (1/5) TC74VHCT541AFT
IC420 TC74VHC164FT
IC400 (5/5) TC74VHCT541AFT
IC406 TLC5733AIPM
8bit 3ch A/D
A/D Y
A/D R-Y
A/D B-Y
AY9-AY0 5/6
AC7-AC0 5/6

DDE-4/4P (5/6) : VIDEO INPUT PROCESS



DDE-4/4P (5/6)

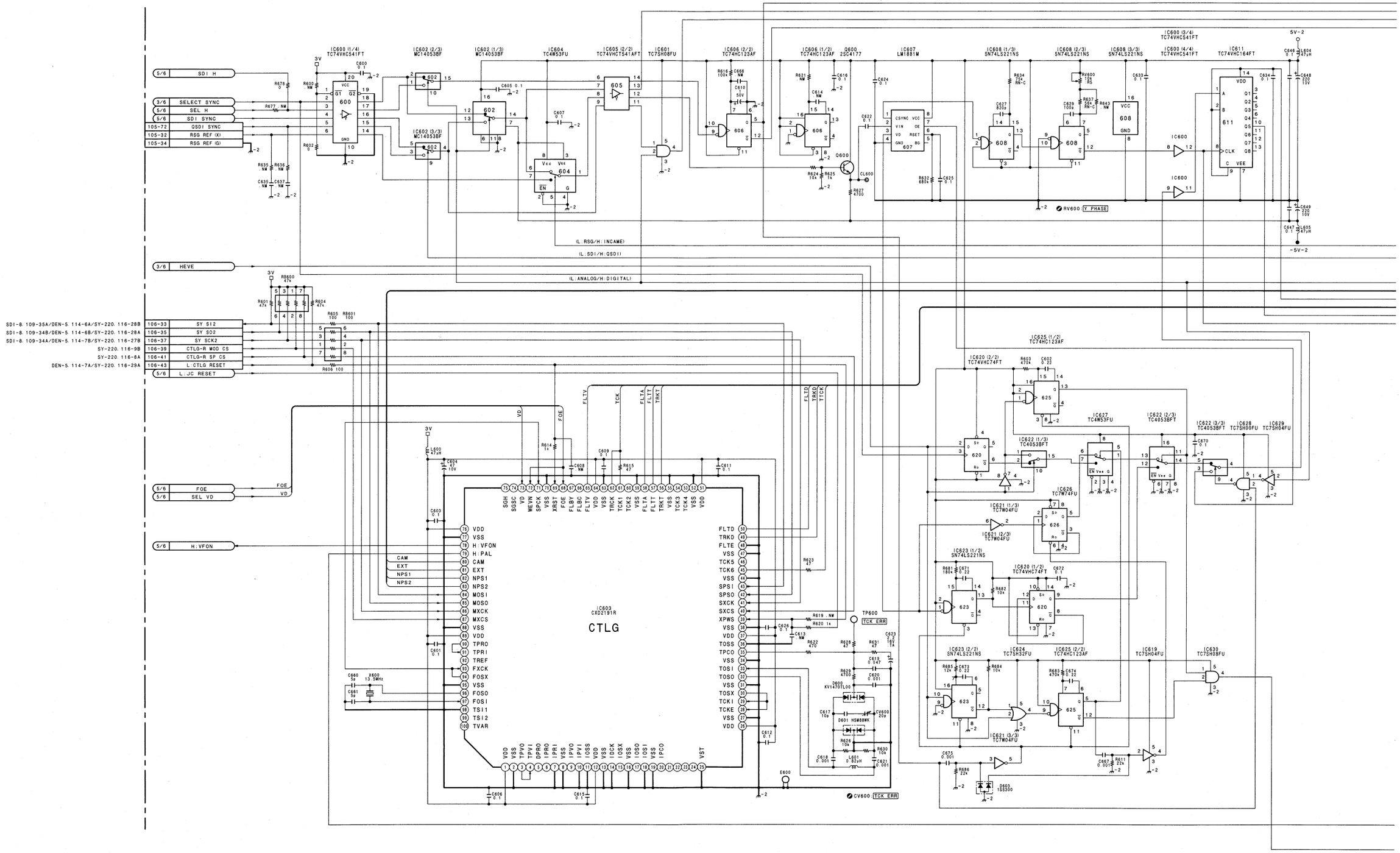


REF NO.	NTSC	PAL
C516	. NM	0.1
C517	. NM	0.1
C518	. NM	0.1
C519	. NM	220/10V
C520	. NM	0.1
IC505	. NM	CXD2183R
L501	. NM	47UH
R522	100	. NM
RB505	100	. NM
RB506	100	. NM

DDE-4/4P (5/6)
MODEL DSR-85/85P

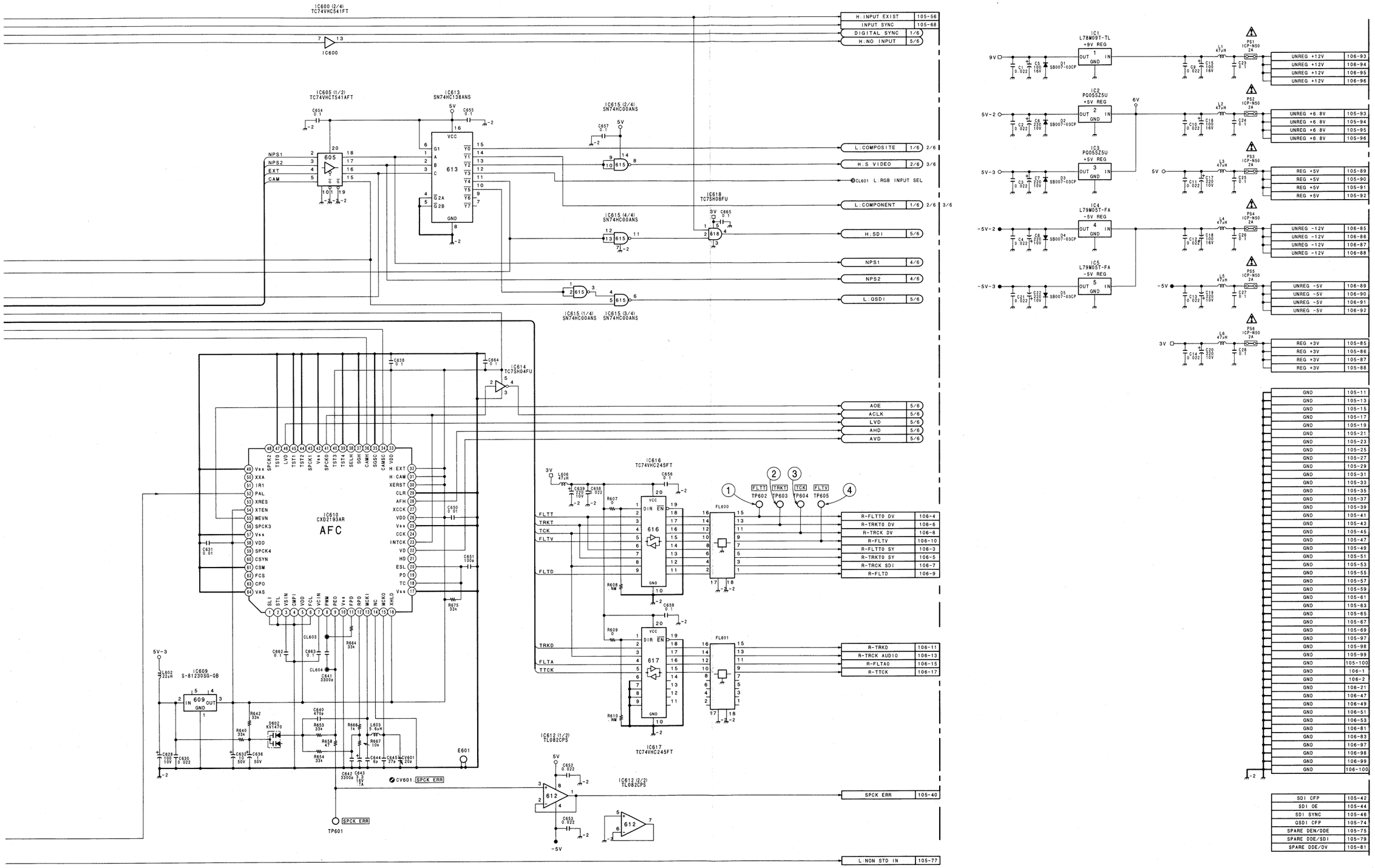
DDE-4/4P (6/6)

DDE-4/4P (6/6) : VIDEO INPUT PROCESS



11-42

DDE-4/4P (6/6)



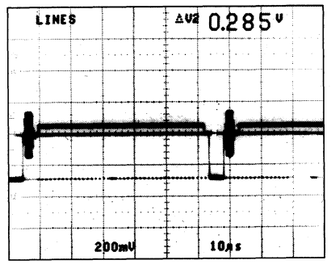
DDE-4/4P (6/6)

MODEL DSR-85/85P

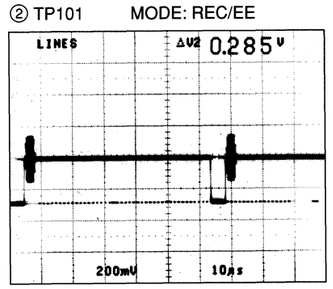
DEN-5/5P : VIDEO OUTPUT PROCESS

for DEN-5 (NTSC)

① TP100 MODE: REC/EE

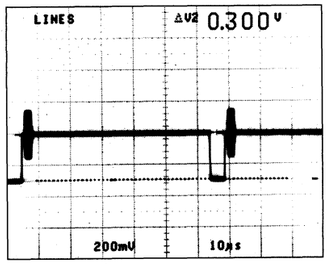


② TP101 MODE: REC/EE

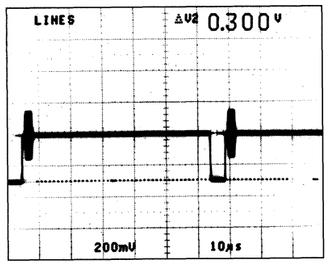


for DEN-5P (PAL)

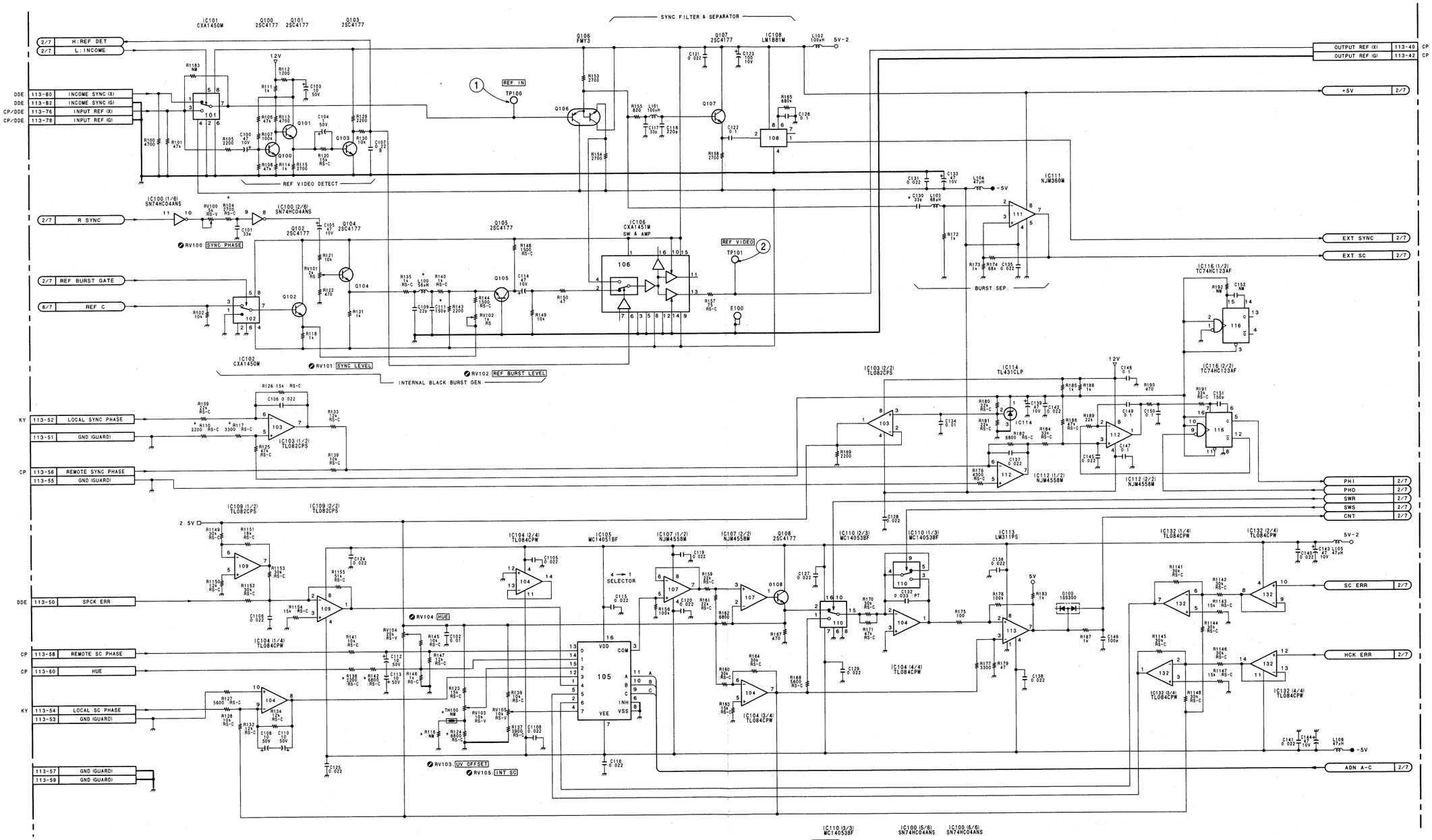
① TP100 MODE: REC/EE



② TP101 MODE: REC/EE



DEN-5/5P (1/7) : VIDEO OUTPUT PROCESS



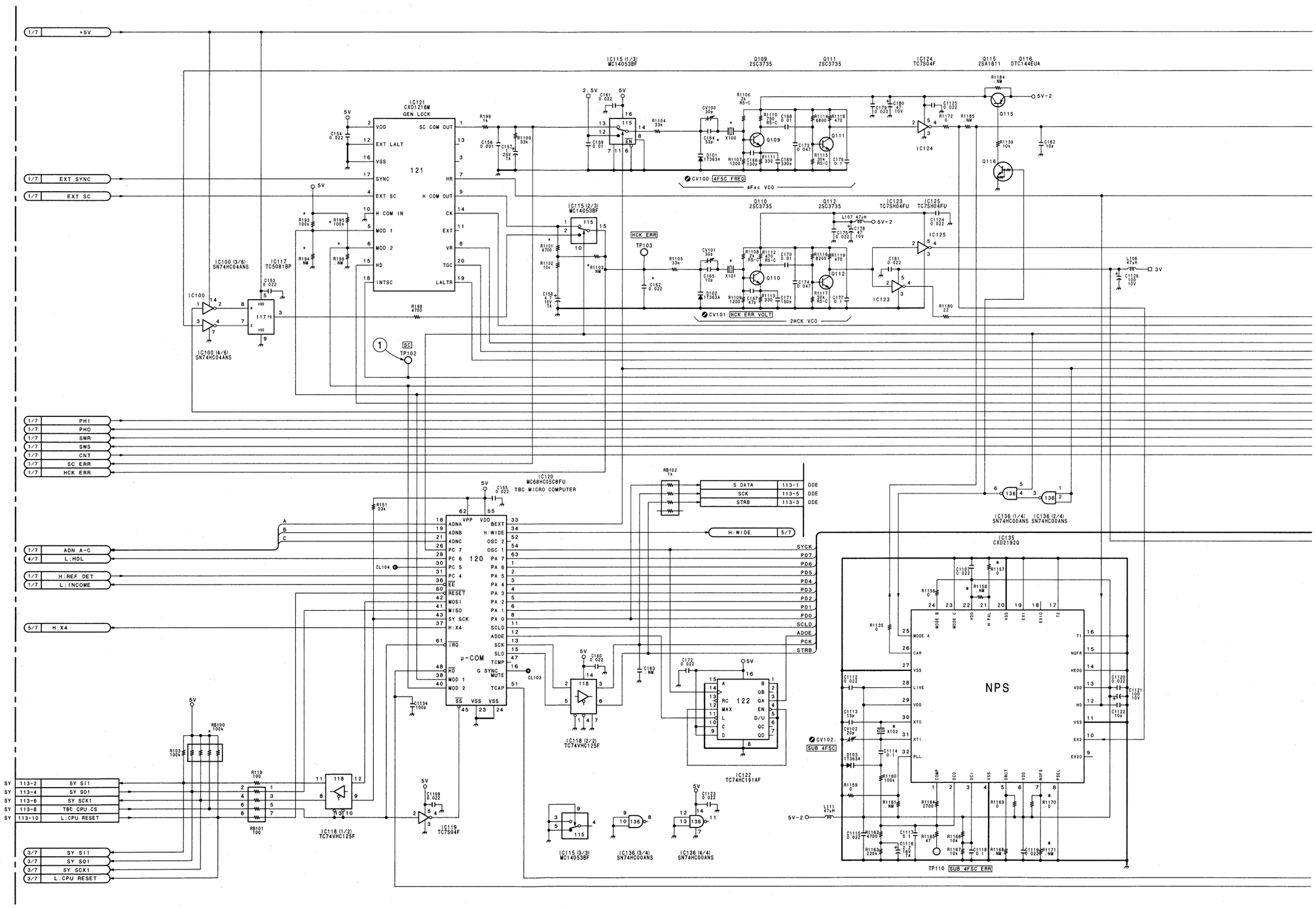
REF NO.	NT	PAL
C111	150P	220P
C130	33P	22P
L100	56UH	82UH
R104	μ 2700	μ 1500
R110	μ 2200	μ 1500
R116	. NM	μ 10K
R117	μ 3300	μ 4700
R124	μ 6800	μ 12K
R138	μ 2200	. NM
R142	μ 6800	. NM

μ = RN-C

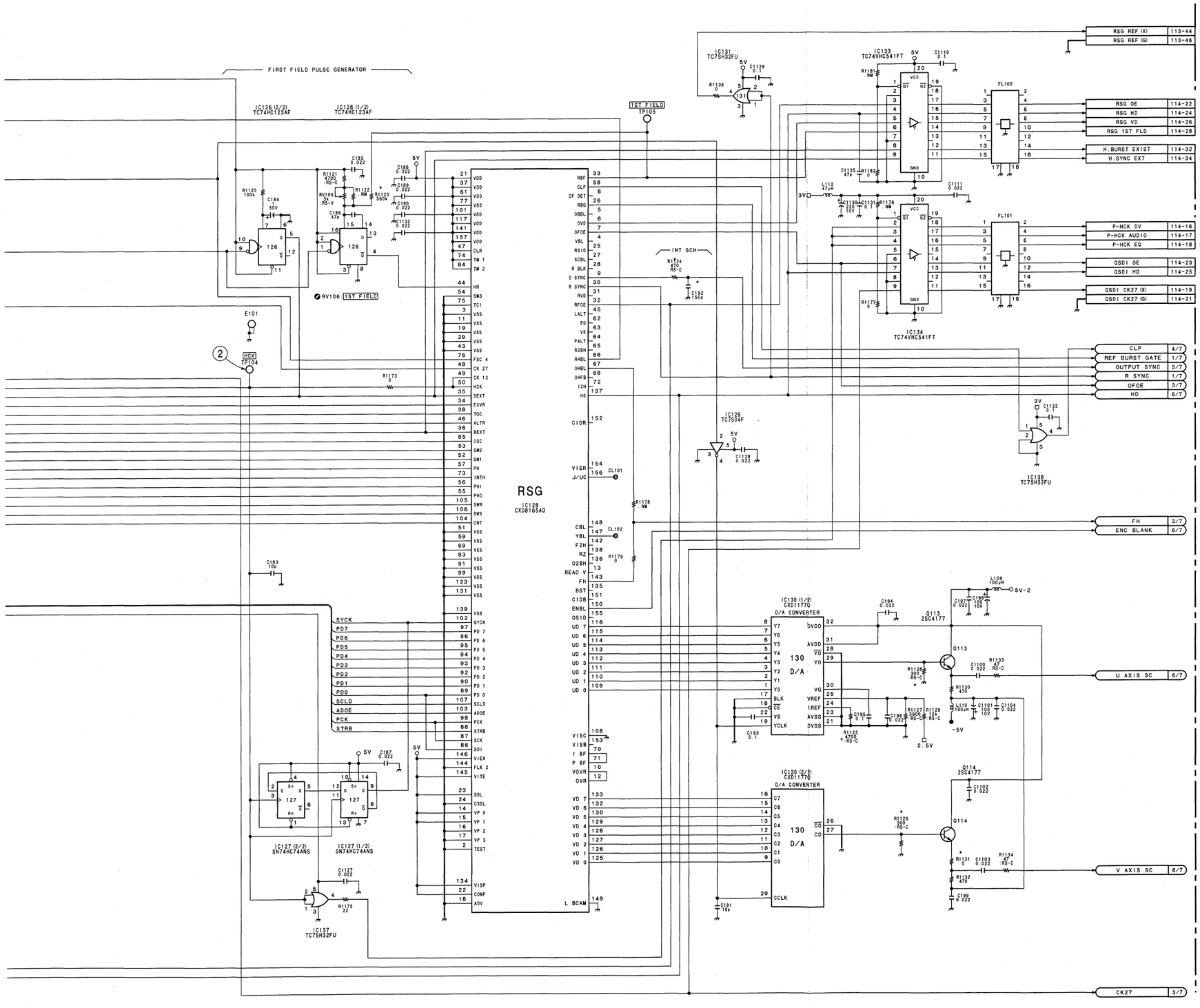
	* NT	PAL
TH100	. NM	1-807-972-21

DEN-5/5P (1/7)
MODEL DSR-85/85P

DEN-5/5P (2/7) : VIDEO OUTPUT PROCESS



DEN-5/5P (2/7)



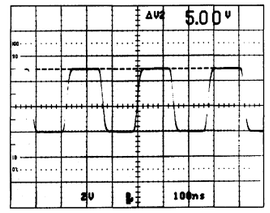
REF NO.	NT	PAL
C162	0.022	0.1
C164	33P	30P
C192	150P	22P
R193	100K	.NM
R194	.NM	0
R195	100K	.NM
R196	.NM	0
R1101	4700	.NM
R1103	.NM	4700
R1123	560K	680K
R1124	μ 470	μ 510
R1125	μ 4700	μ 3300
R1126	μ 300	μ 220
R1128	μ 300	μ 220
R1131	0	100
R1157	0	.NM
R1158	.NM	0
R1170	0	.NM
R1171	.NM	0

μ = :RN-C

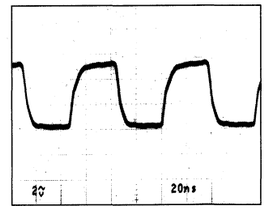
*	NT	PAL
X100, 102	14.3M 1-527-722-91	17.73M 1-760-457-91
X101	27M 1-767-262-21	

for DEN-5 (NTSC)

① TP102 MODE: REC/EE/PB

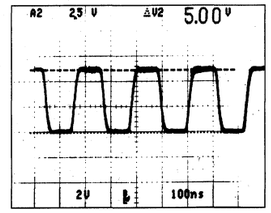


② TP104 MODE: REC/PB/EE

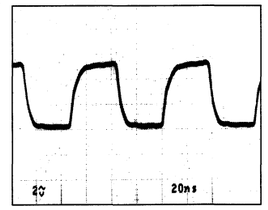


for DEN-5P (PAL)

① TP102 MODE: REC/EE/PB



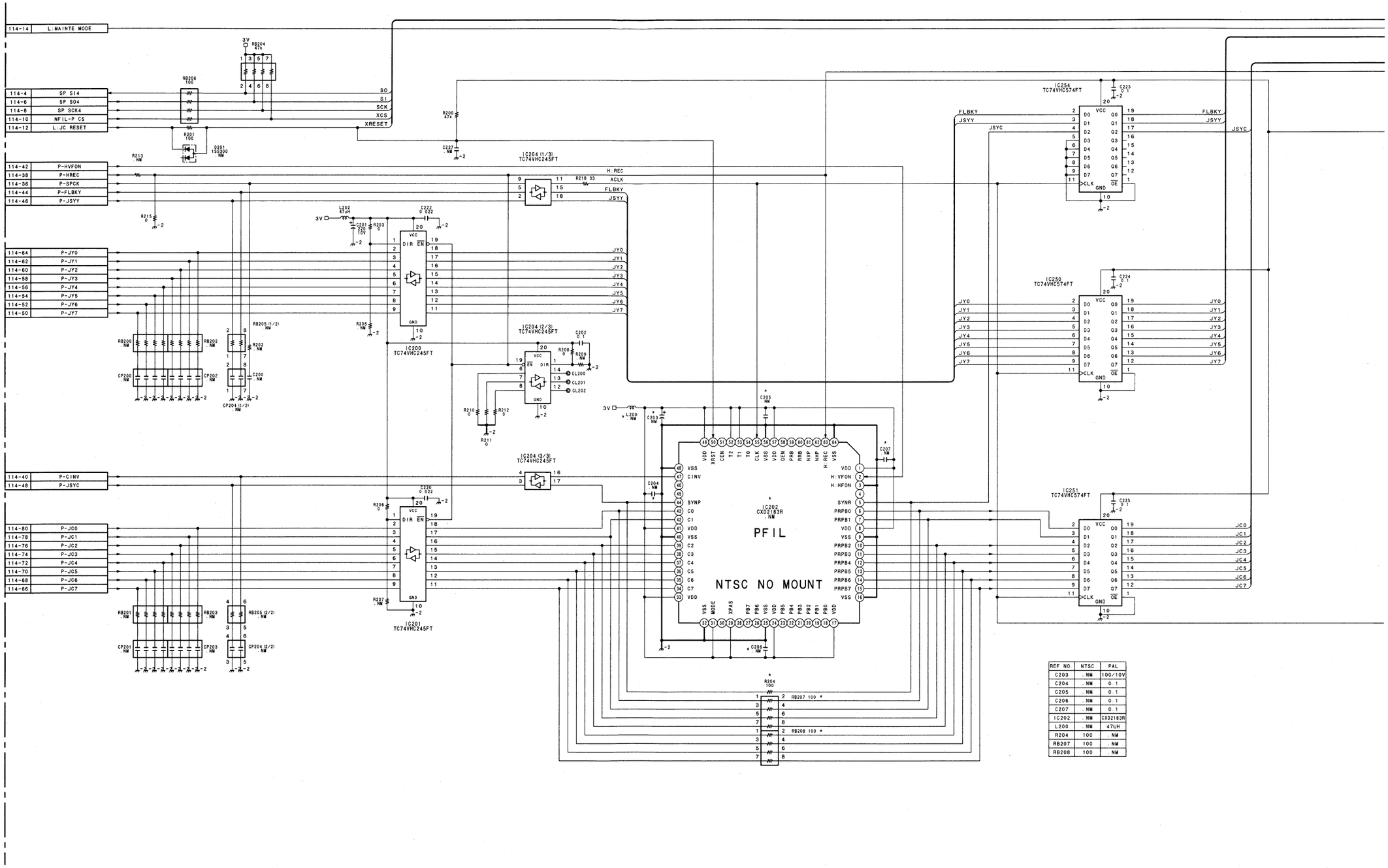
② TP104 MODE: REC/PB/EE



DEN-5/5P (2/7)

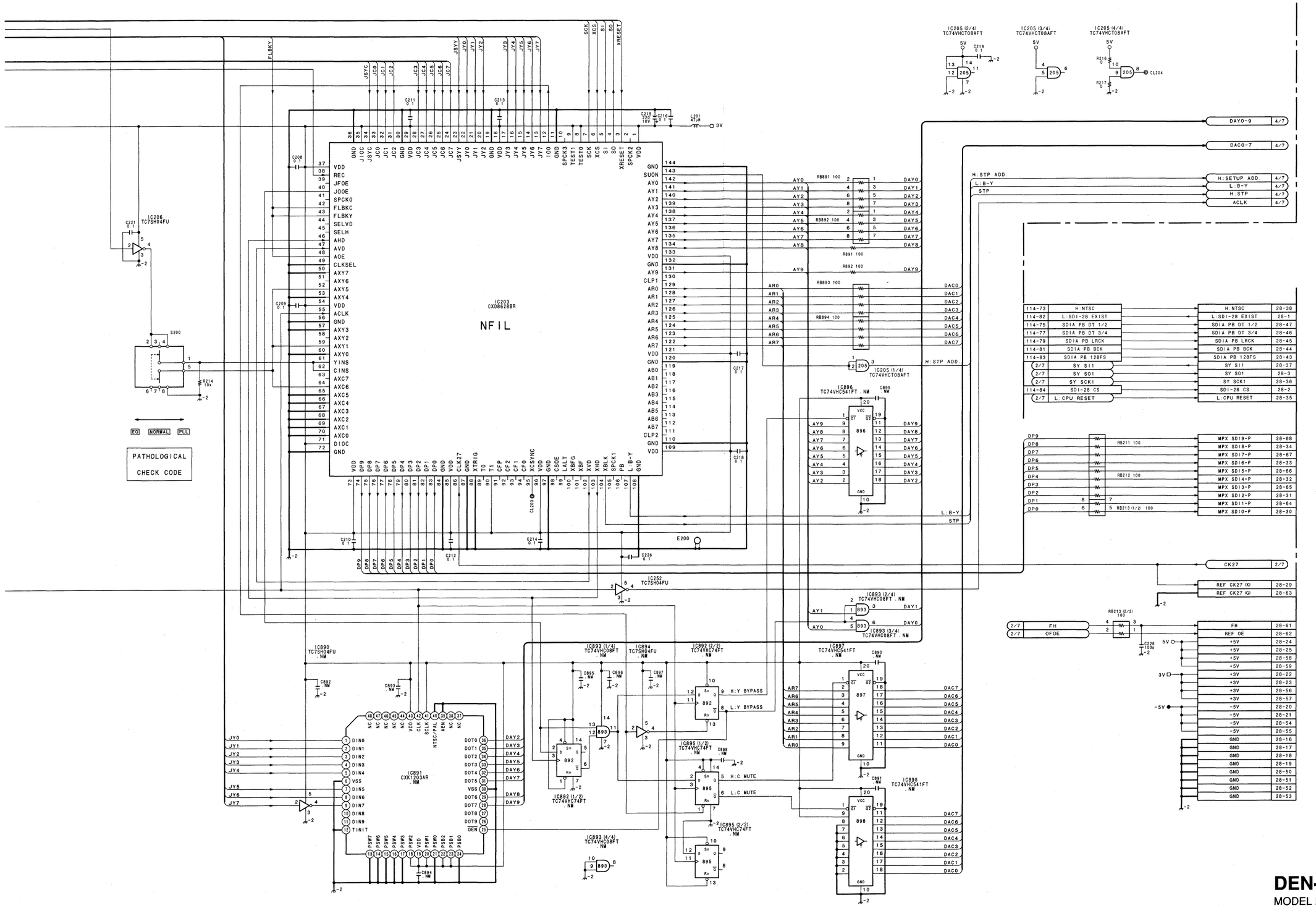
MODEL DSR-85/85P

DEN-5/5P (3/7) : VIDEO OUTPUT PROCESS

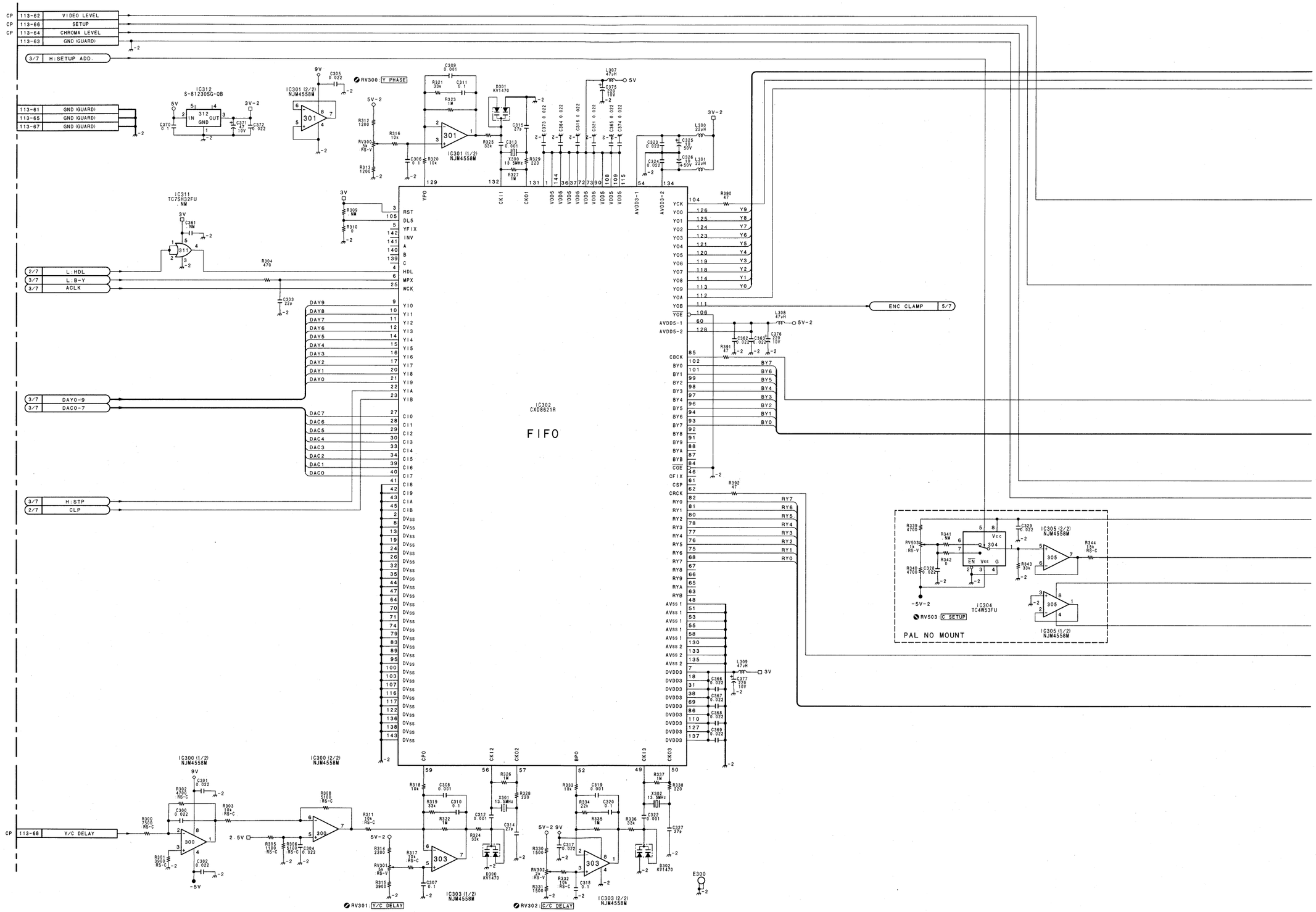


REF NO	NTSC	PAL
C203	NM	100/10V
C204	NM	0.1
C205	NM	0.1
C206	NM	0.1
C207	NM	0.1
IC202	NM	CXD2183R
L200	NM	47UH
R204	100	NM
RB207	100	NM
RB208	100	NM

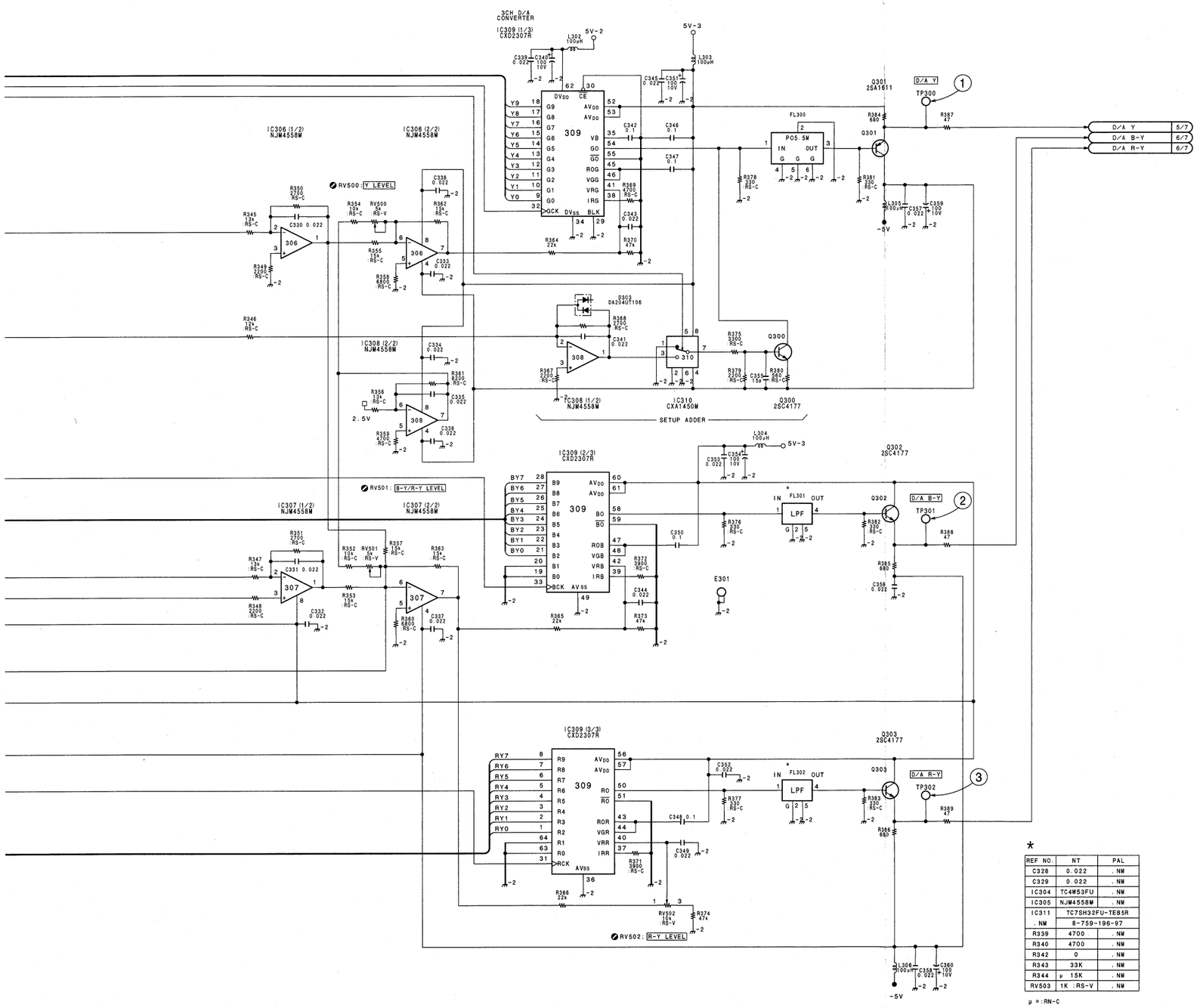
DEN-5/5P (3/7)


IC203
CXD8628BR
NFIL
IC206
TC7SH04FU
S200
EQ
NORMAL
PLL
PATHOLOGICAL
CHECK CODE
IC205 (2/4)
TC74VHCT08AFT
IC205 (3/4)
TC74VHCT08AFT
IC205 (4/4)
TC74VHCT08AFT
IC205 (1/4)
TC74VHCT08AFT
IC896
TC74VHC541FT . NM
IC897
TC74VHC541FT . NM
IC898
TC74VHC541FT . NM
IC899
TC74VHC541FT . NM
IC890
TC7SH04FU . NM
IC891
CXK1203AR . NM
IC892 (1/2)
TC74VHC74FT . NM
IC892 (2/2)
TC74VHC74FT . NM
IC893 (1/4)
TC74VHC08FT . NM
IC893 (2/4)
TC74VHC08FT . NM
IC893 (3/4)
TC74VHC08FT . NM
IC893 (4/4)
TC74VHC08FT . NM
IC894
TC7SH04FU . NM
IC895 (1/2)
TC74VHC74FT . NM
IC895 (2/2)
TC74VHC74FT . NM
IC552
TC7SH04FU
H:STP ADD.
L:B-Y
STP
DAY0-9
DAC0-7
H:SETUP ADD.
H:STP
ACLK
H:NTSC
L:SDI-28 EXIST
SDIA PB DT 1/2
SDIA PB DT 3/4
SDIA PB LRCK
SDIA PB BCK
SDIA PB 128FS
SY SI1
SY SO1
SY SCK1
SDI-28 CS
L:CPU RESET
MPX SDI9-P
MPX SDI8-P
MPX SDI7-P
MPX SDI6-P
MPX SDI5-P
MPX SDI4-P
MPX SDI3-P
MPX SDI2-P
MPX SDI1-P
MPX SDI0-P
CK27
REF CK27 (X)
REF CK27 (G)
FH
OE
+5V
+3V
-5V
GND

DEN-5/5P (4/7) : VIDEO OUTPUT PROCESS



DEN-5/5P (4/7)



*

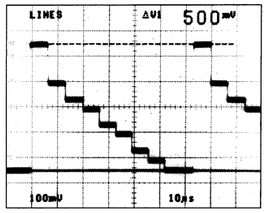
REF NO.	NT	PAL
C328	0.022	. NM
C329	0.022	. NM
IC304	TC4W53FU	. NM
IC305	NJM4558M	. NM
IC311	TC7SH32FU-TE85R	
. NM	8-759-196-97	
R339	4700	. NM
R340	4700	. NM
R342	0	. NM
R343	33K	. NM
R344	μ 15K	. NM
RV503	1K : RS-V	. NM

μ = : RN-C

REF NO.	NT	PAL
FL300	1-233-614-21	
FL301, 302	1-233-598-21	1-233-599-21

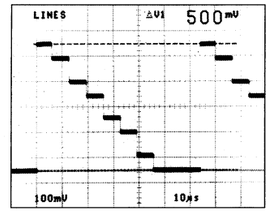
for DEN-5 (NTSC)

① TP300 75% Color bars, MODE: EE

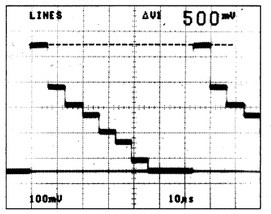


for DEN-5P (PAL)

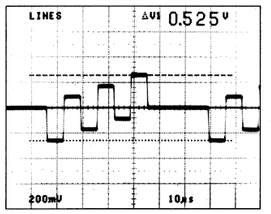
① TP300 100% Color bars, MODE: EE/PB



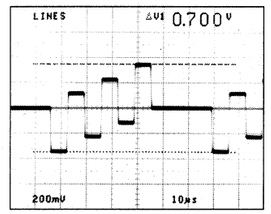
① TP300 75% Color bars, MODE: PB (REF. Tape)



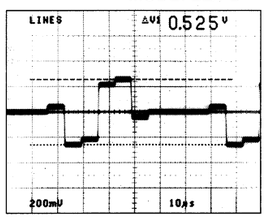
② TP301 75% Color bars, MODE: EE/PB



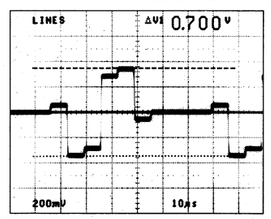
② TP301 100% Color bars, MODE: EE/PB



③ TP302 75% Color bars, MODE: EE/PB



③ TP302 100% Color bars, MODE: EE/PB

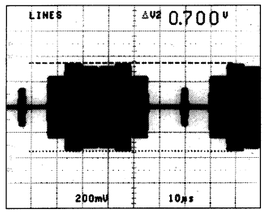


DEN-5/5P (4/7)
MODEL DSR-85/85P

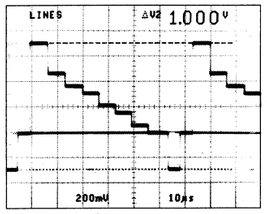
DEN-5/5P (5/7) : VIDEO OUTPUT PROCESS

DEN-5 (NTSC)
(5/7)

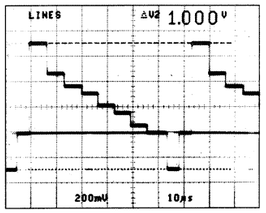
① TP201 75% Color bars, MODE: PB (REF. Tape)



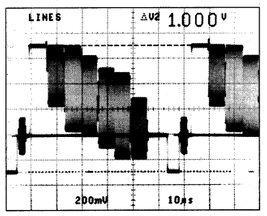
② TP200 75% Color bars, MODE: PB (REF. Tape)



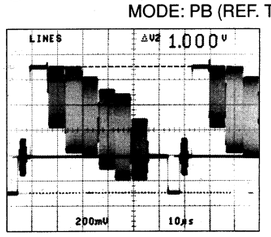
③ TP500 75% Color bars, MODE: PB (REF. Tape)



④ TP400 75% Color bars, MODE: PB (REF. Tape)

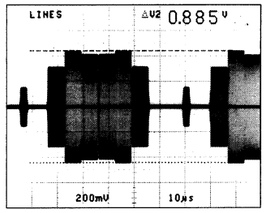


⑤ TP401 75% Color bars, MODE: PB (REF. Tape)

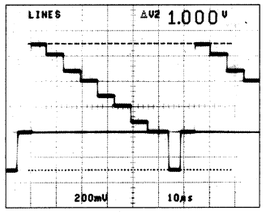


DEN-5P (PAL)
(5/7)

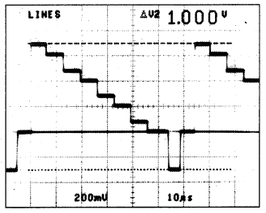
① TP201 100% Color bars, MODE: PB



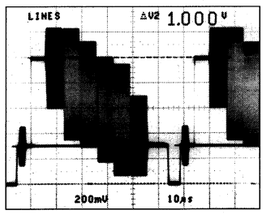
② TP200 100% Color bars, MODE: PB



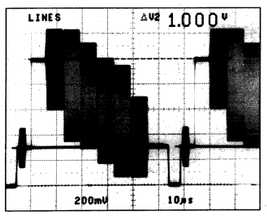
③ TP500 100% Color bars, MODE: PB

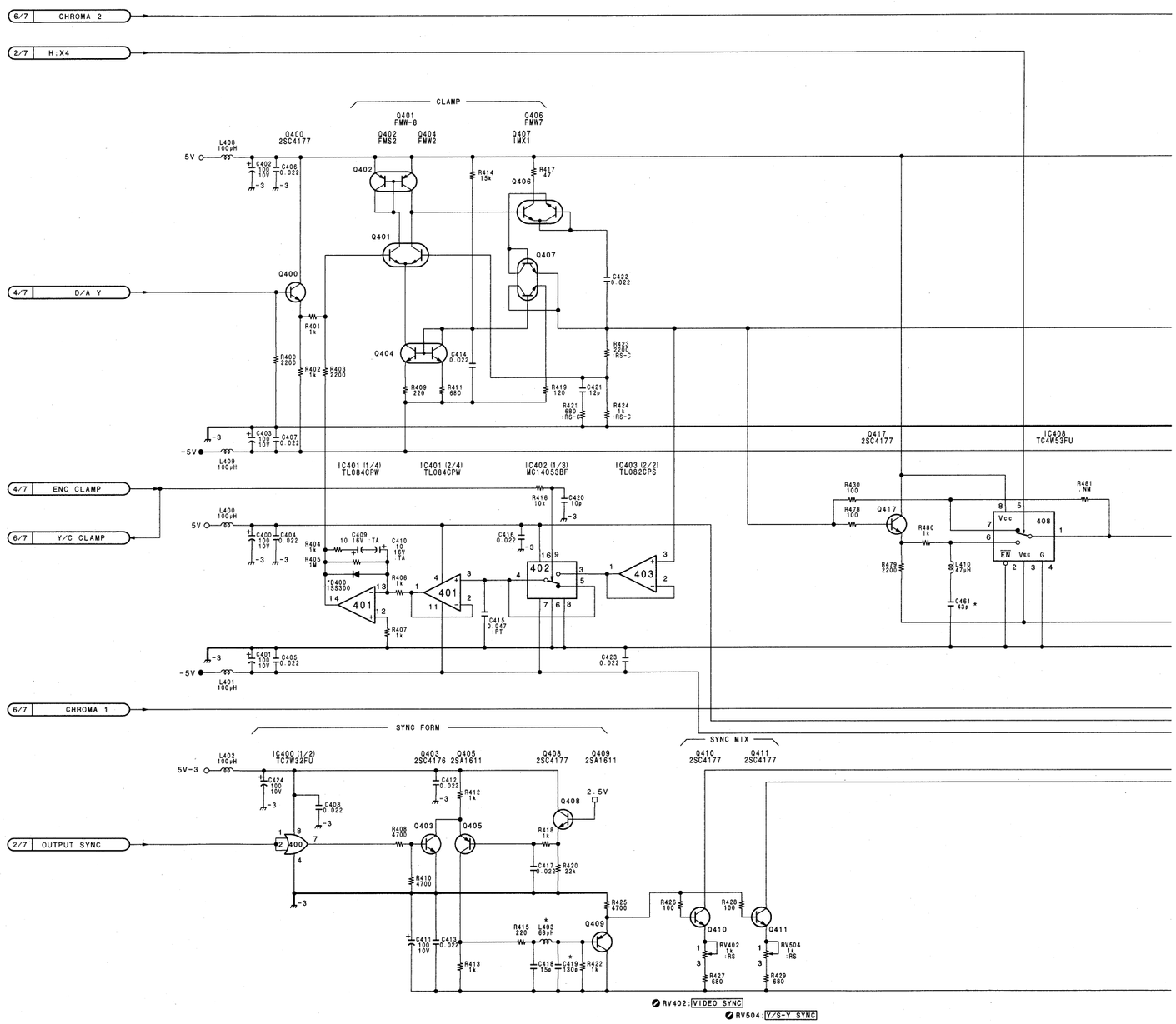


④ TP400 100% Color bars, MODE: PB

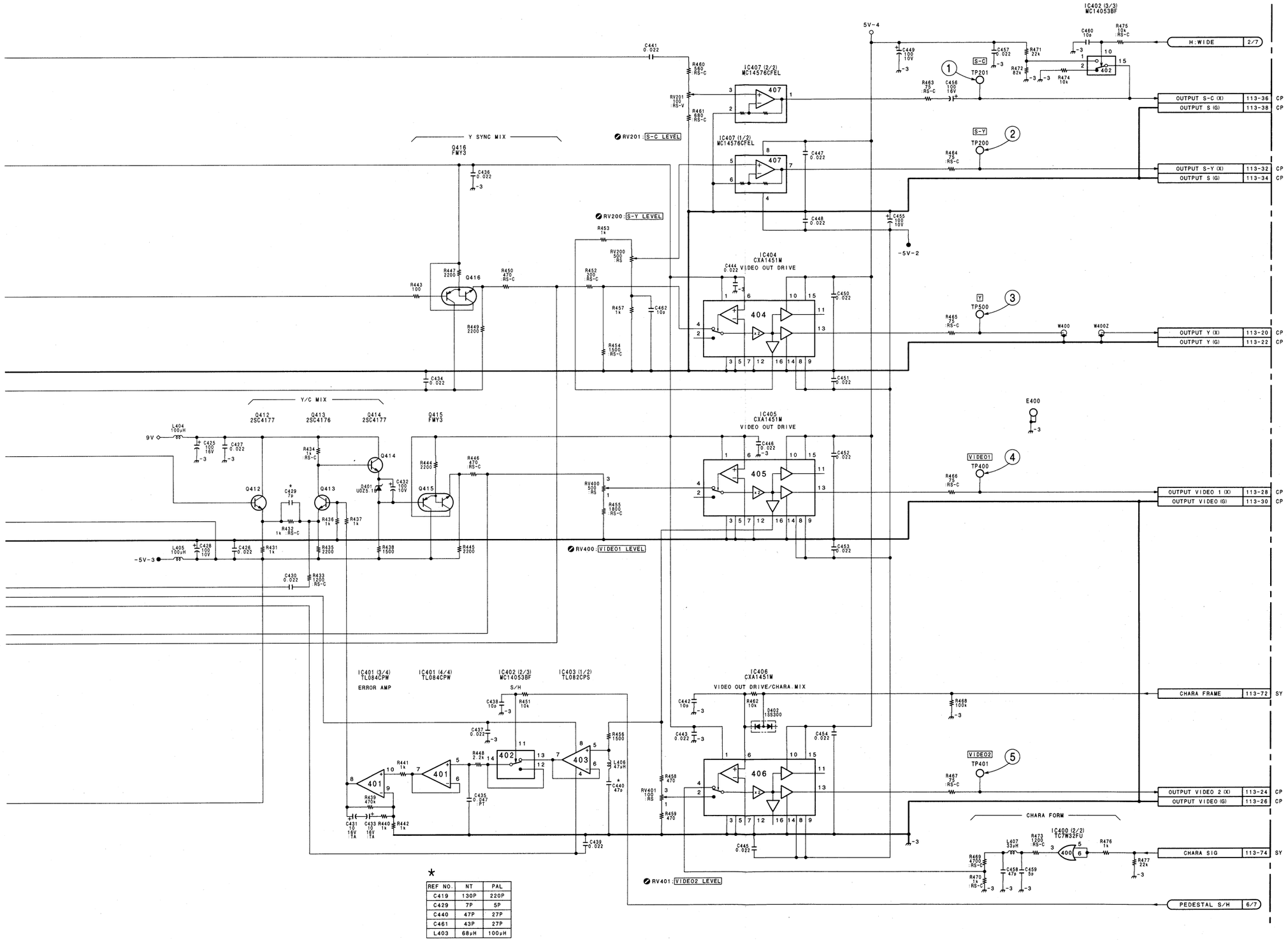


⑤ TP401 100% Color bars, MODE: PB





DEN-5/5P (5/7)



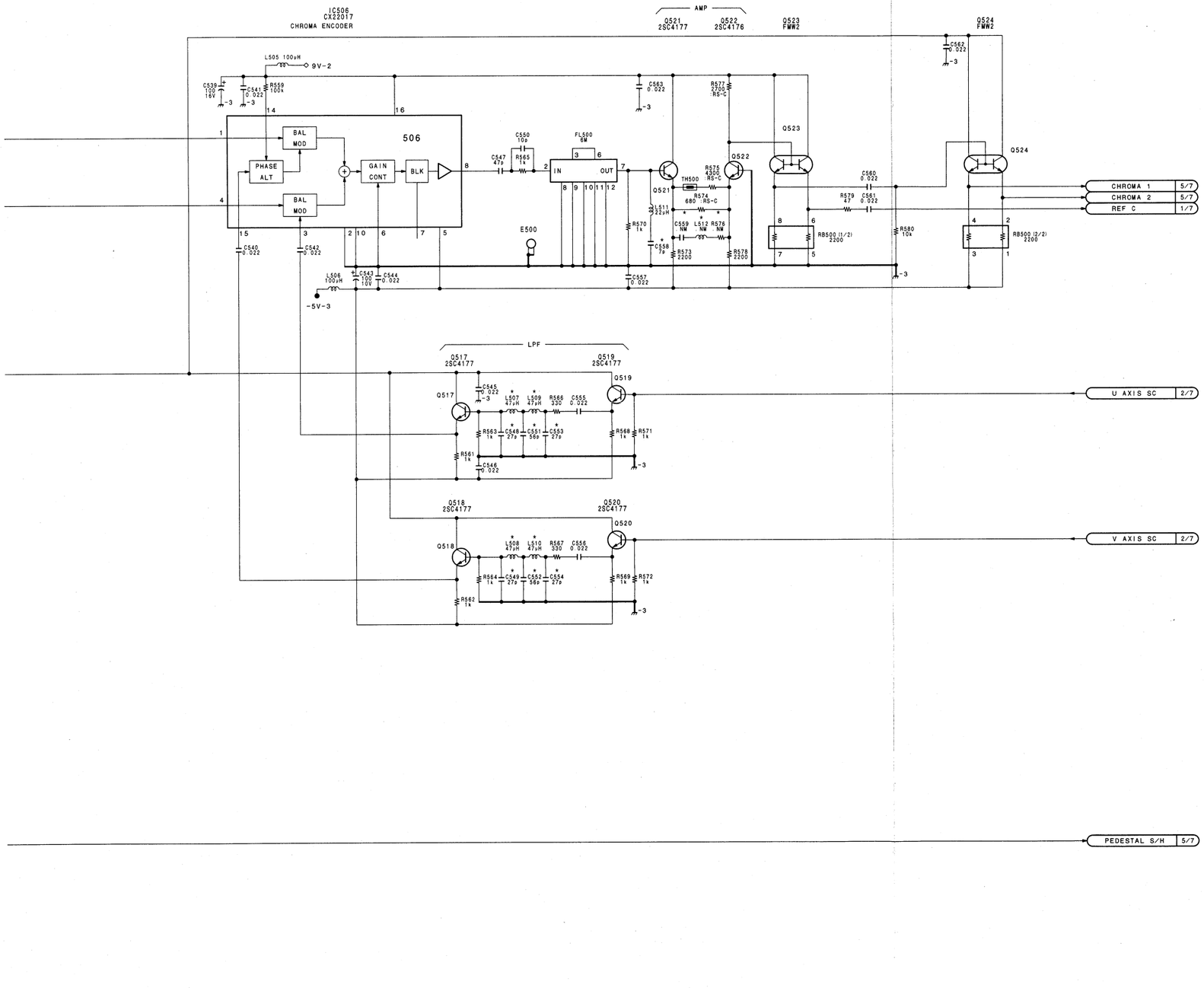
*

REF NO.	NT	PAL
C419	130P	220P
C429	7P	5P
C440	47P	27P
C461	43P	27P
L403	68μH	100μH

DEN-5/5P (5/7)
MODEL DSR-85/85P

DEN-5/5P (6/7) : VIDEO OUTPUT PROCESS

DEN-5/5P (6/7)

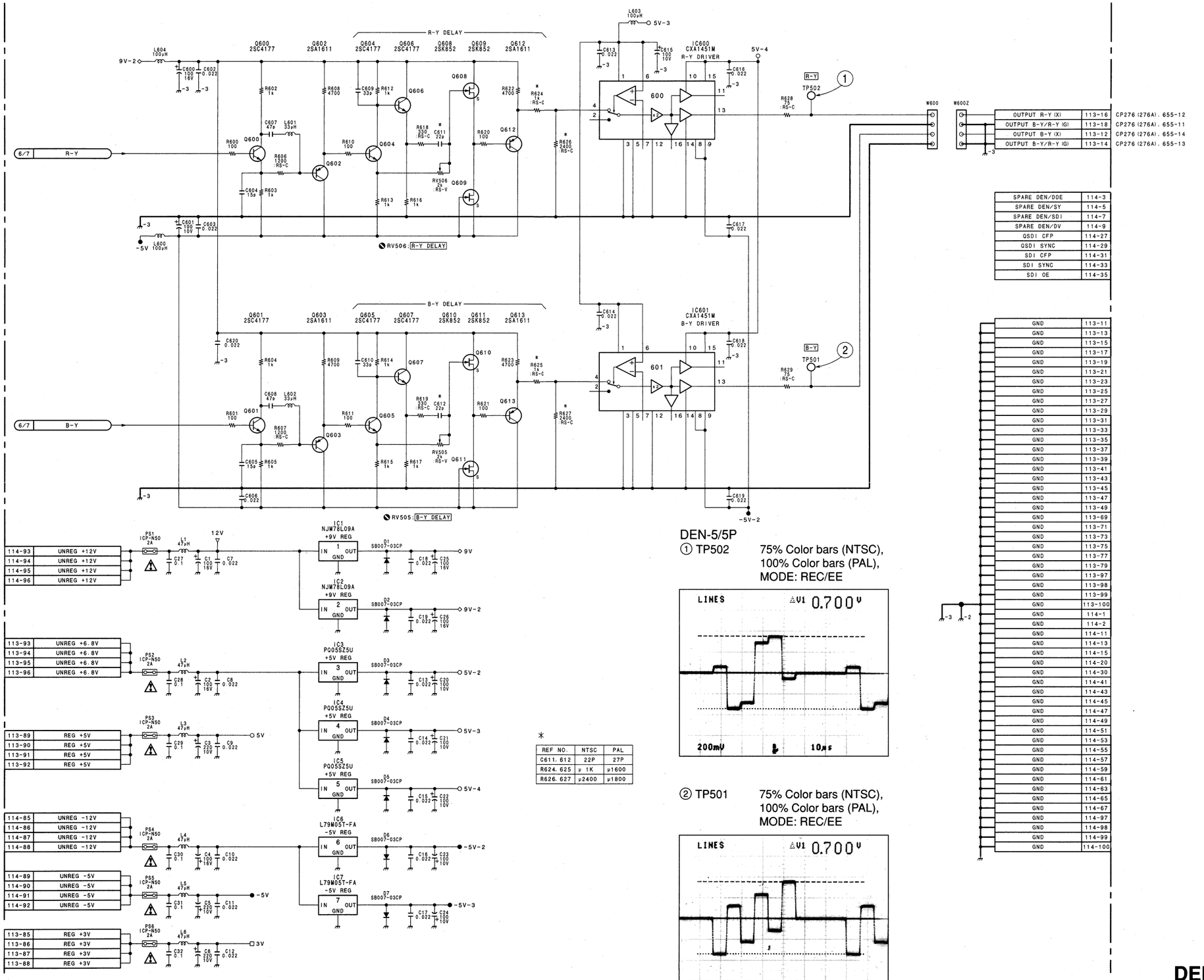


*

REF NO.	NTSC	PAL
C509	110P	150P
C548	27P	33P
C549	27P	33P
C551	56P	68P
C552	56P	68P
C553	27P	33P
C554	27P	33P
C558	7P	4P
C559	NM	10P
L507	47UH	27UH
L508	47UH	27UH
L509	47UH	27UH
L510	47UH	27UH
L512	NM	22UH
R511	5100	10K
R520	33K	20K
R576	NM	1K

μ = RN-C

DEN-5/5P (7/7) : VIDEO OUTPUT PROCESS



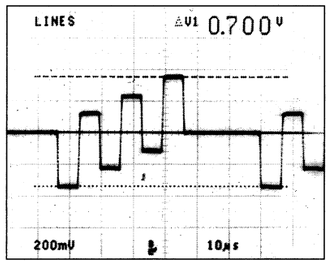
*

REF NO.	NTSC	PAL
C611, 612	22P	27P
R624, 625	μ 1K	μ1600
R626, 627	μ2400	μ1800

DEN-5/5P

① TP502 75% Color bars (NTSC), 100% Color bars (PAL), MODE: REC/EE

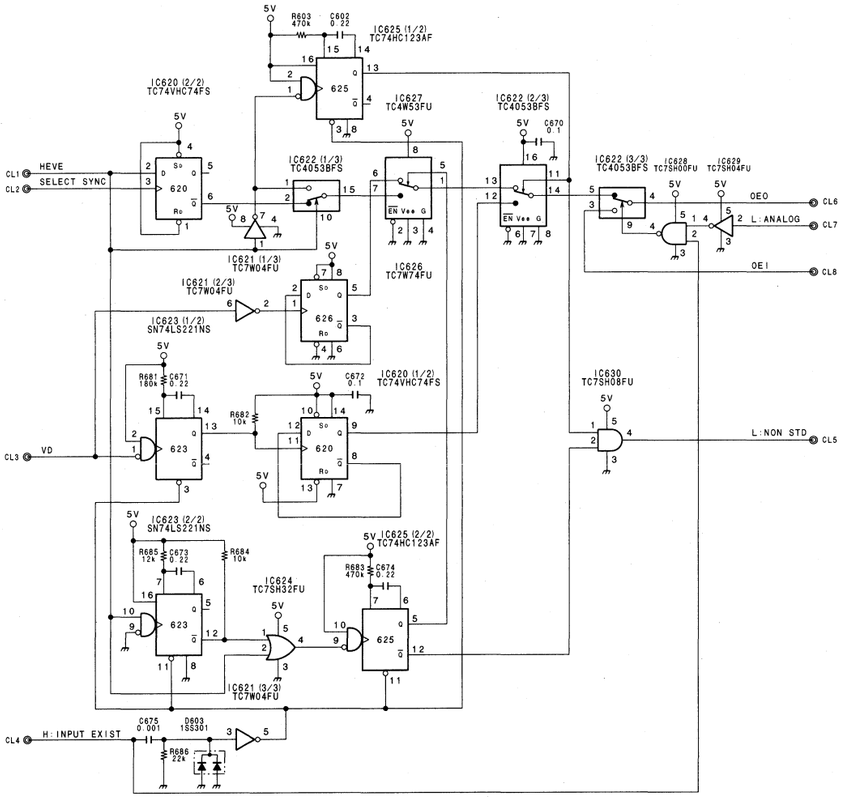
② TP501 75% Color bars (NTSC), 100% Color bars (PAL), MODE: REC/EE

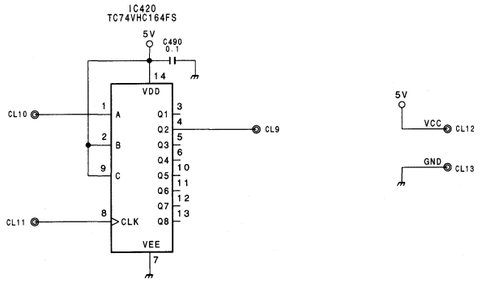


DEN-5/5P (7/7)
MODEL DSR-85/85P

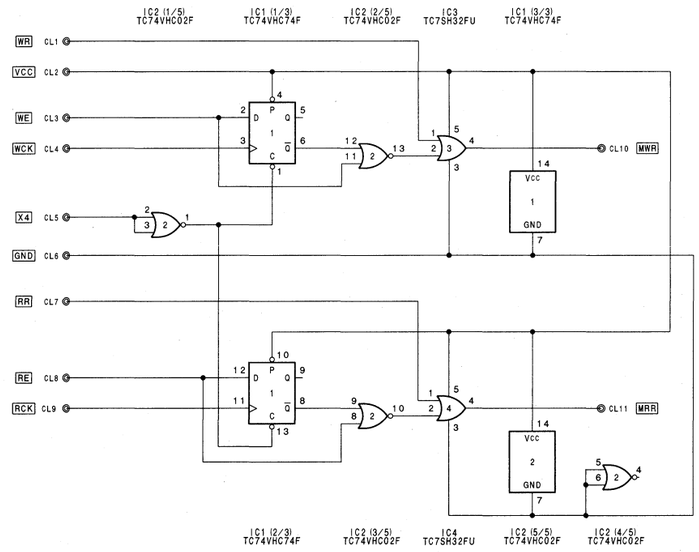
DSR-85/85P

DUS-49 (FOR DDE-4)

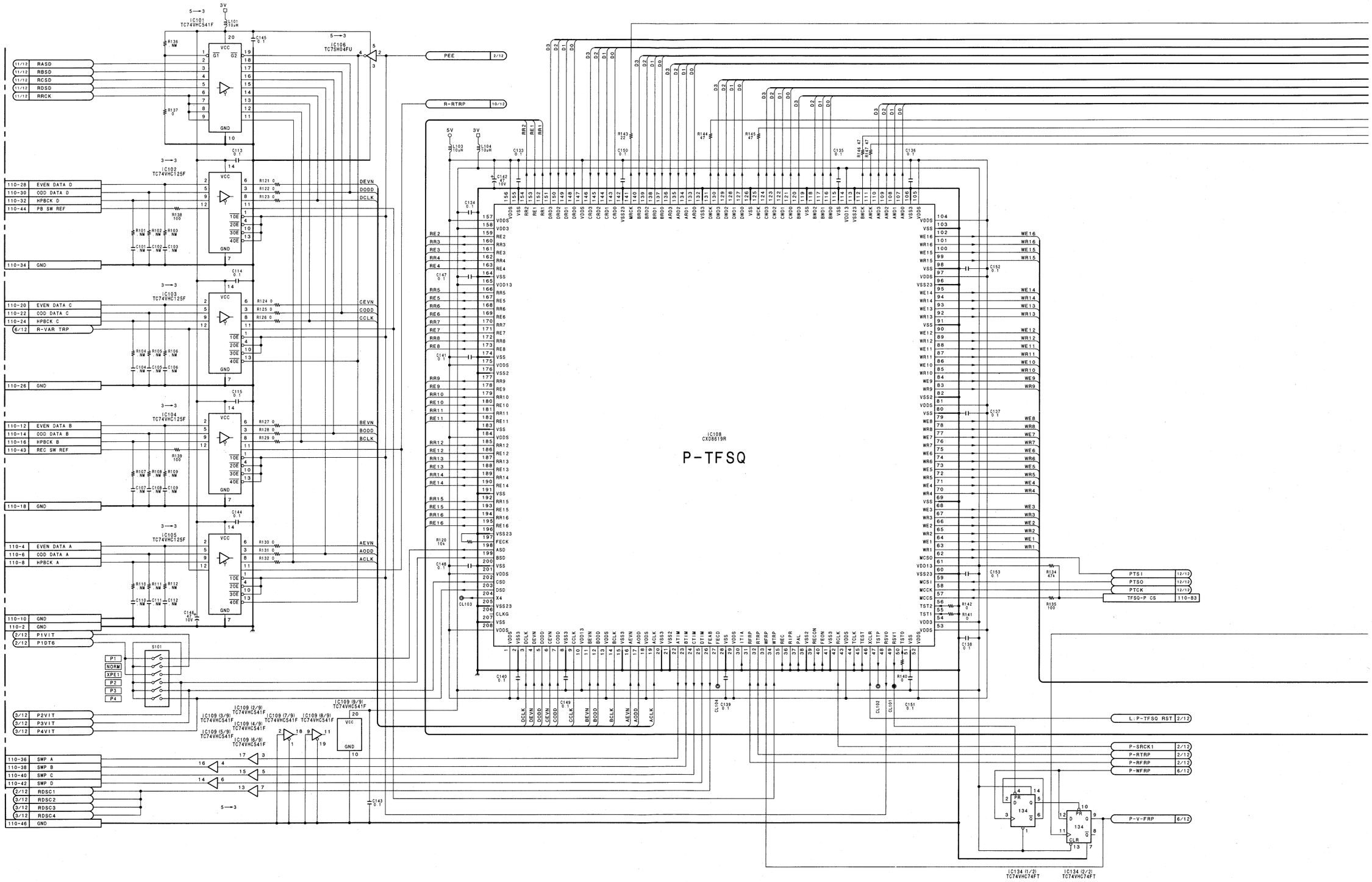


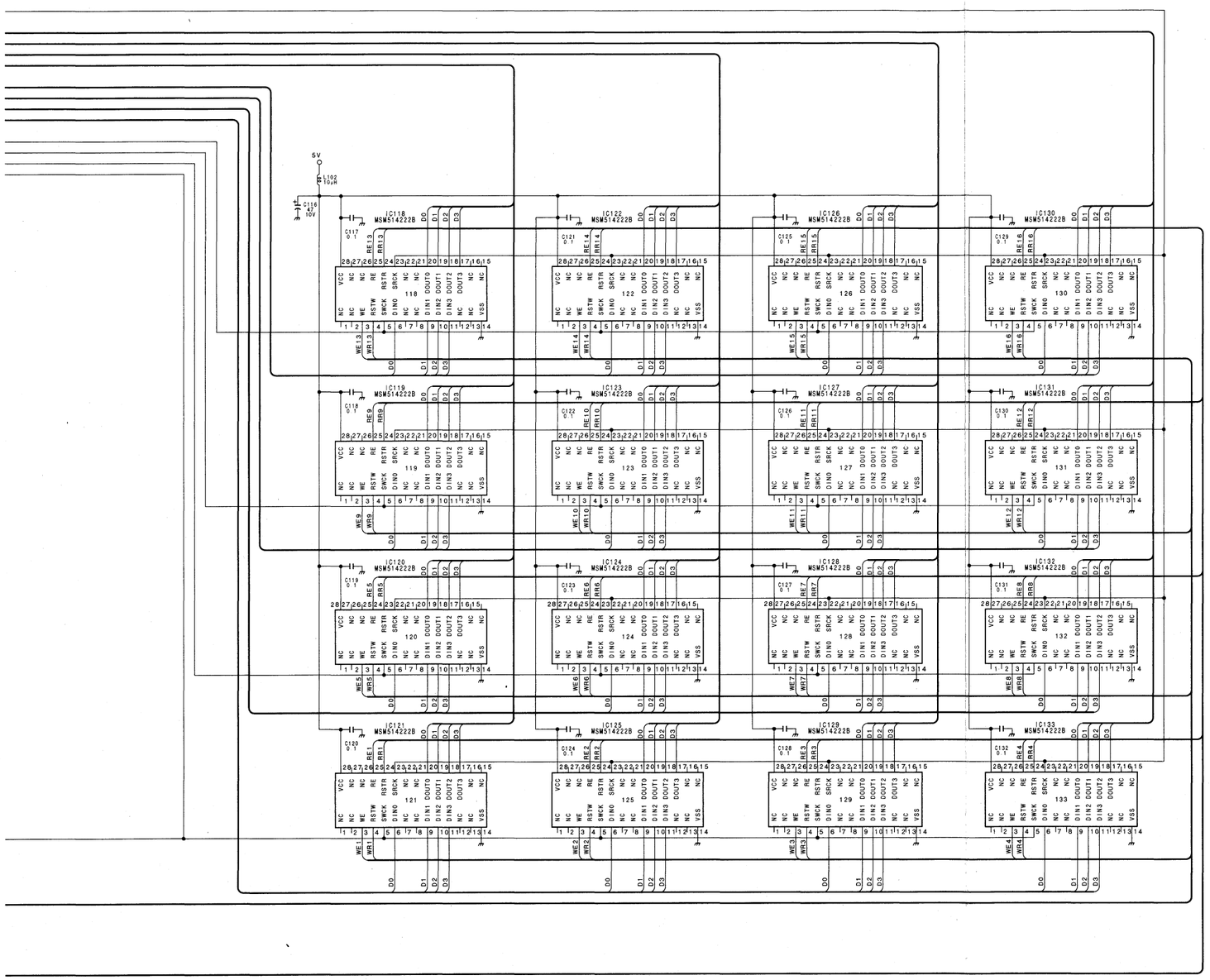


DUS-53 (FOR DV-16)



DV-16 (1/12) : DIGITAL PROCESS




5V
L102 10UH
C116 16 10V
IC118 MSM514222B
IC119 MSM514222B
IC120 MSM514222B
IC121 MSM514222B
IC122 MSM514222B
IC123 MSM514222B
IC124 MSM514222B
IC125 MSM514222B
IC126 MSM514222B
IC127 MSM514222B
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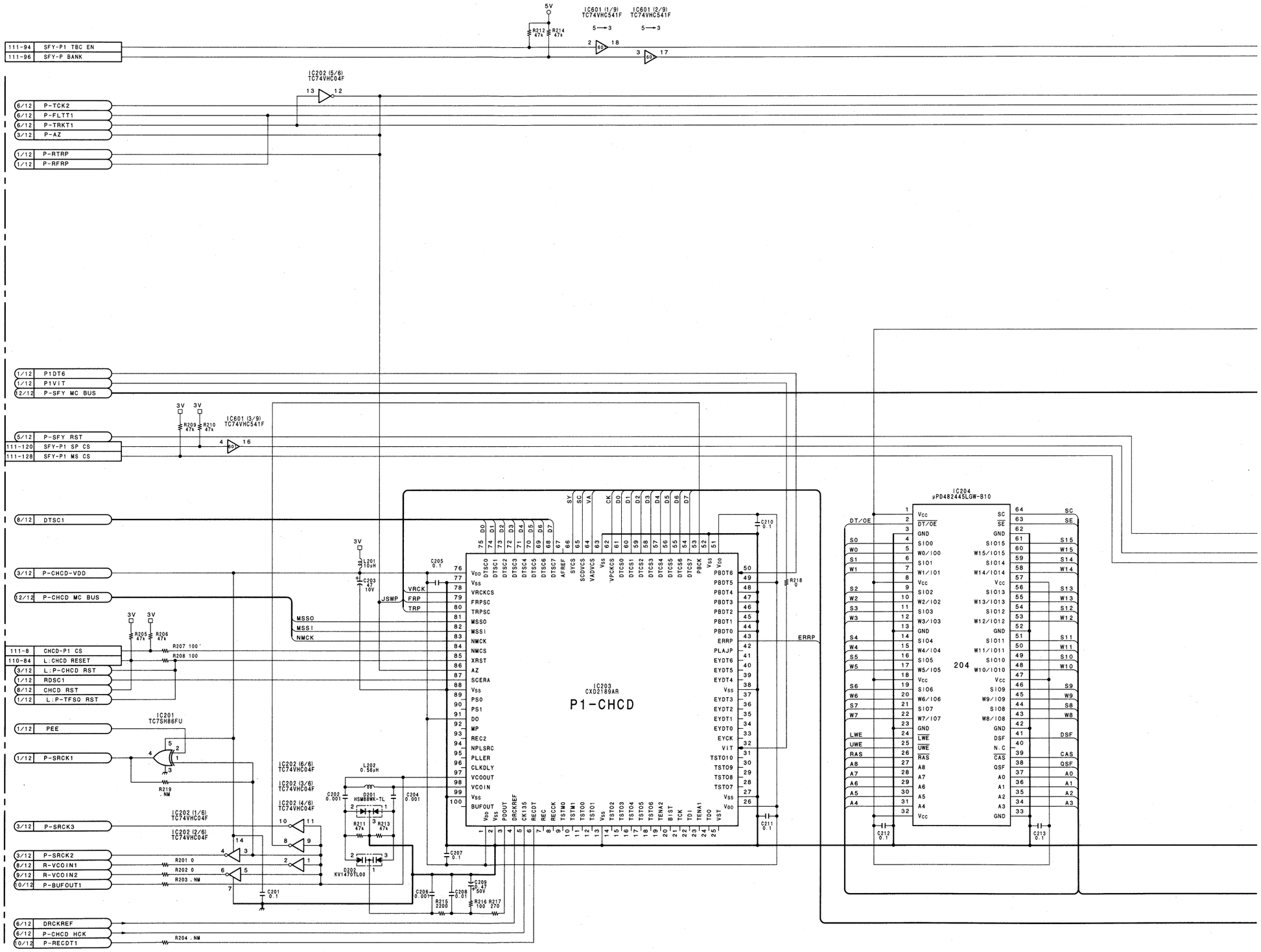
IC129 MSM514222B
IC130 MSM514222B
IC131 MSM514222B
IC132 MSM514222B
IC133 MSM514222B
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
VCC NC NC RE RSTW SWCK D1NO NC NC NC D1N1 D1N2 D1N3 NC NC VSS
NC NC WE RSTR SRCK NC NC D0UT0 D0UT1 D0UT2 D0UT3 NC NC

DV-16 (2/12) : DIGITAL PROCESS



DV-16 (2/12)

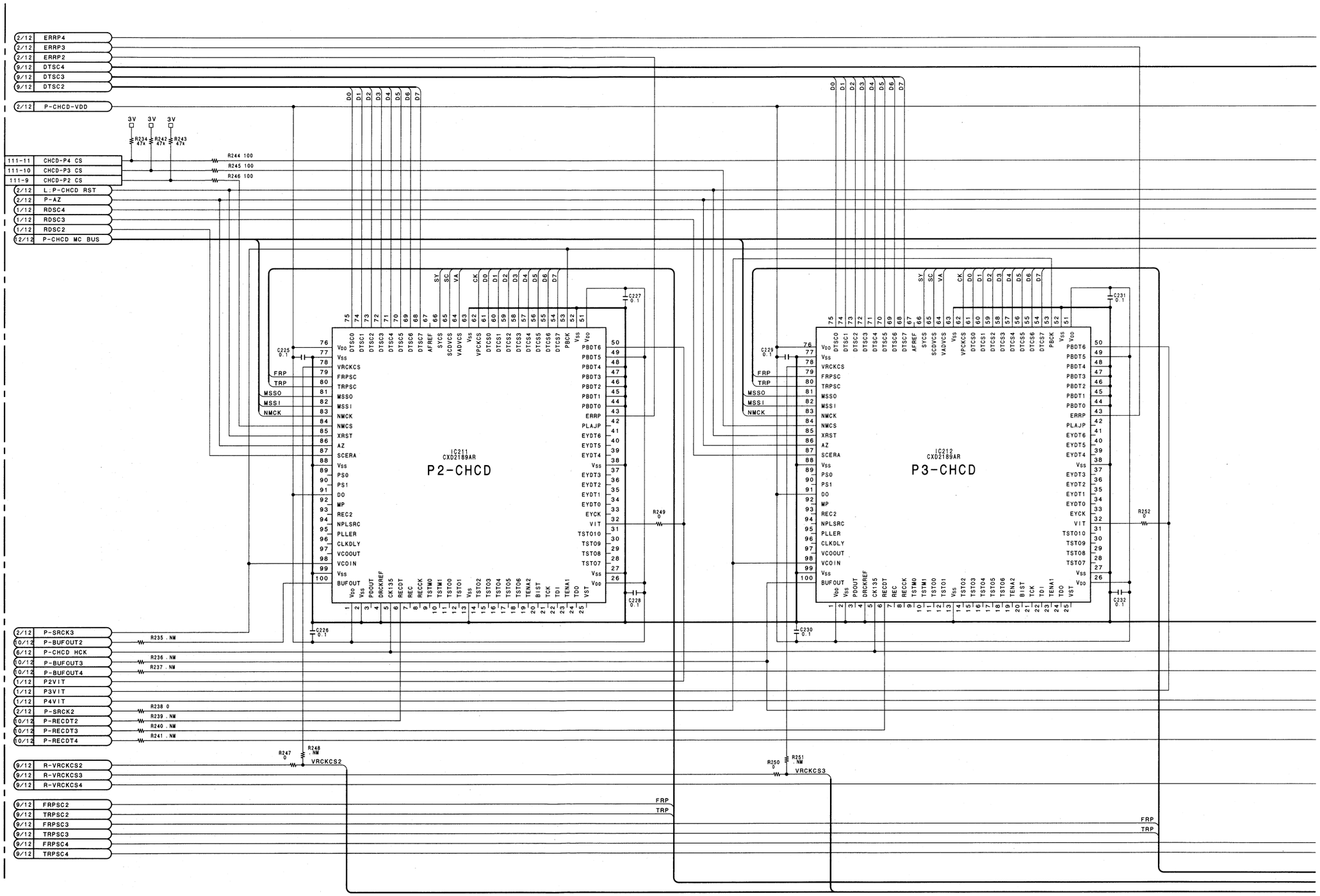
IC205
CXD2187AR
P1-SFY

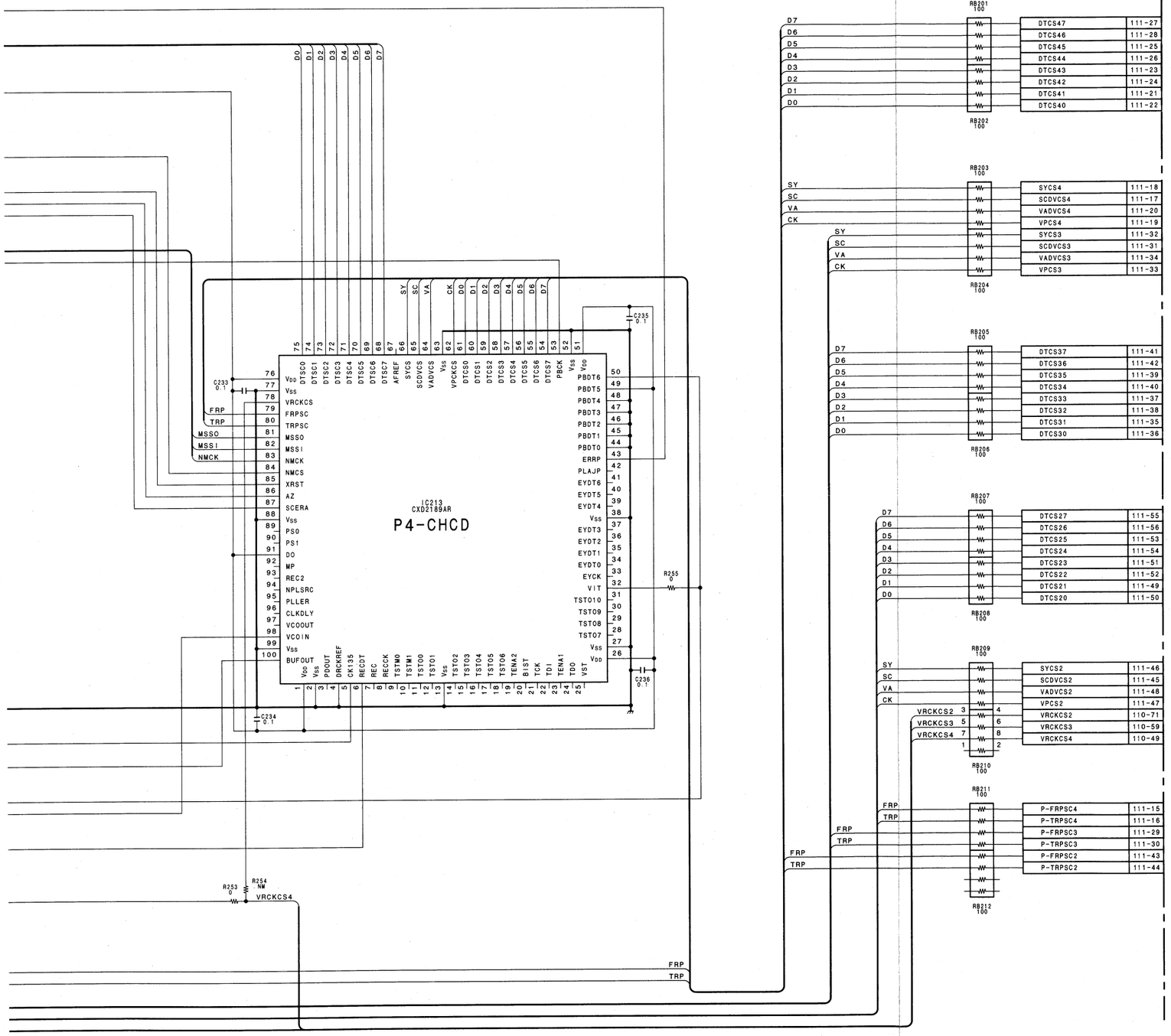
IC206 TC74VHC245F
IC207 TC74VHC245F
IC208 TC74VHC245F
IC209 TC74VHC245F
IC210 TC74VHC245F

FL201
FL202
FL203

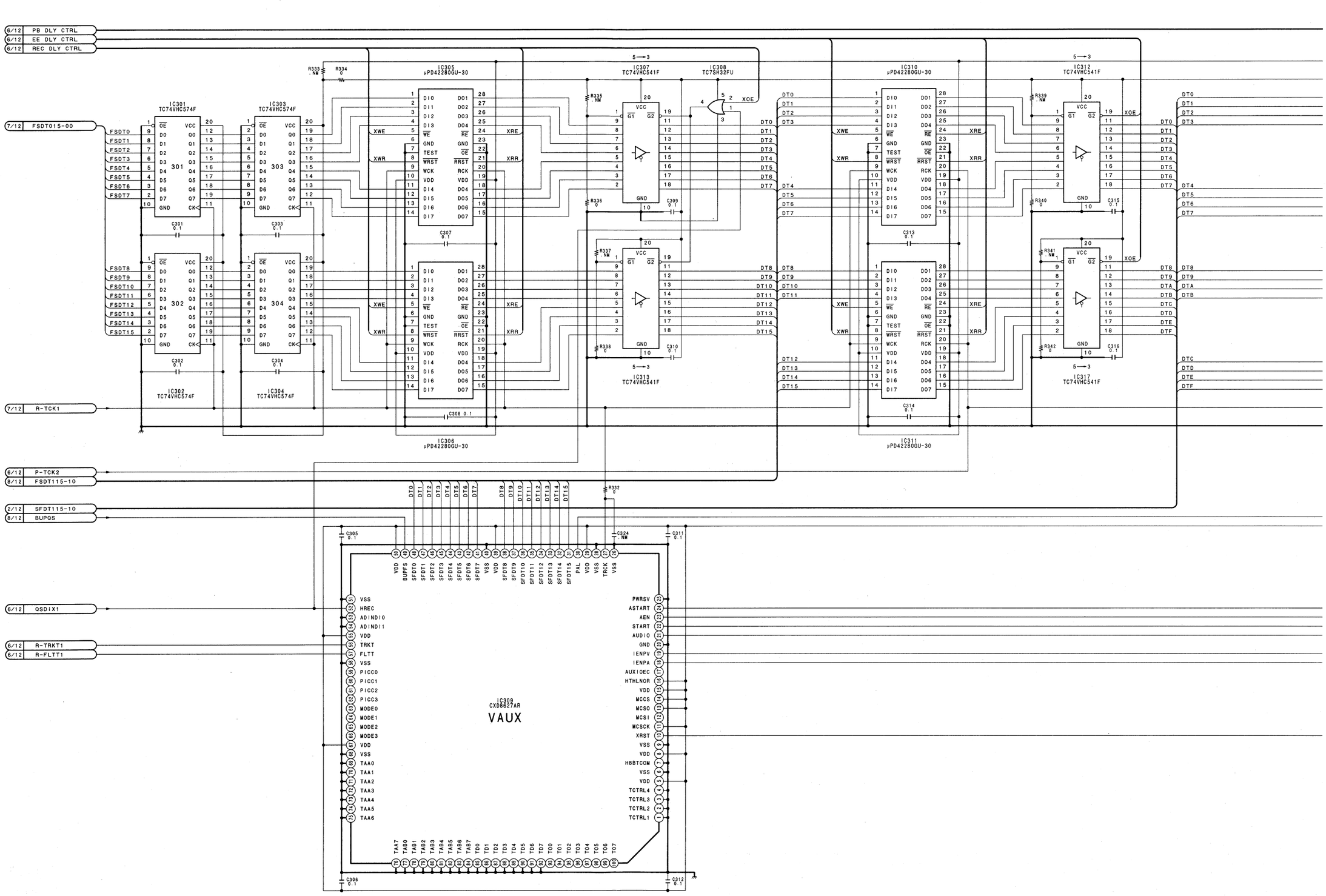
IC601 (7/9) TC74VHC541F
IC601 (9/9) TC74VHC541F
IC601 (8/9) TC74VHC541F

DV-16 (3/12) : DIGITAL PROCESS

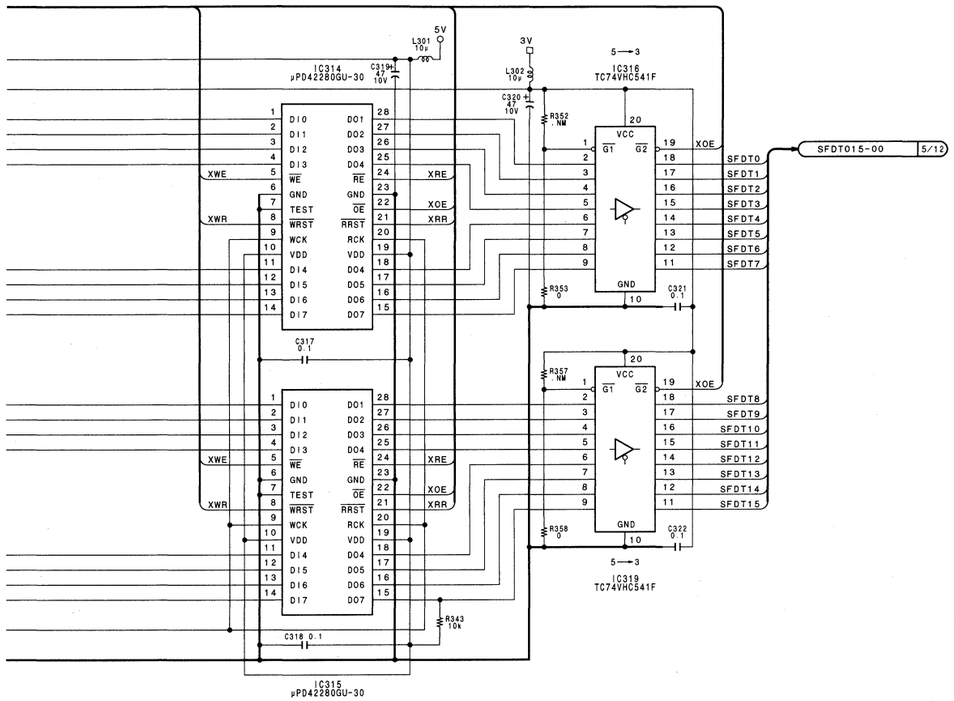


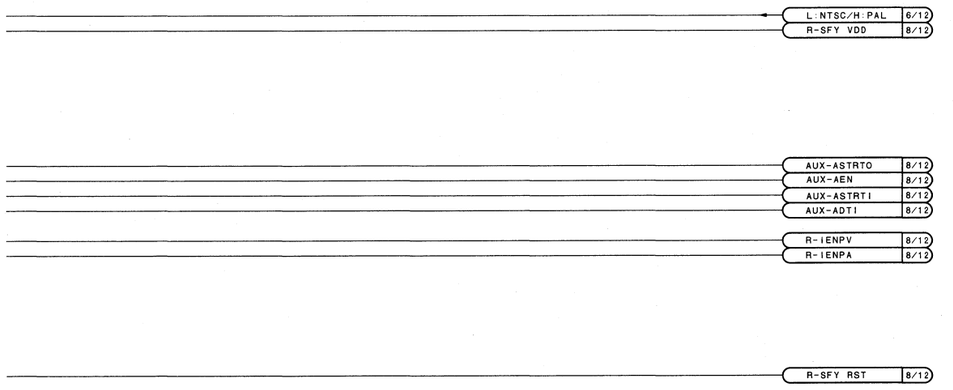

IC213
CXD2189AR
P4-CHCD
D0 D1 D2 D3 D4 D5 D6 D7
SY SC VA CK D0 D1 D2 D3 D4 D5 D6 D7
C235 0.1
C233 0.1
C234 0.1
C236 0.1
R255 0
R253 0
R254 NM
VRCKCS4
FRP
TRP
MSSO
MSSI
NMCK
PBDT6 PBDT5 PBDT4 PBDT3 PBDT2 PBDT1 PBDT0
ERRP
PLAJP
EYDT6 EYDT5 EYDT4 EYDT3 EYDT2 EYDT1 EYDT0
EYCK
VIT
TSTO10 TSTO9 TSTO8 TSTO7
VDD VSS PDOUT DRCKREF CK135 RECDT REC RECCK TSTM0 TSTM1 TSTO0 TSTO1 TSTO2 TSTO3 TSTO4 TSTO5 TSTO6 TEMA2 BIST TCK TDI TENA1 TDO VST
VDD DTSC0 DTSC1 DTSC2 DTSC3 DTSC4 DTSC5 DTSC6 DTSC7 AFREF SYCS SCDVCS VADVCS VSS VPCKCS DTCS0 DTCS1 DTCS2 DTCS3 DTCS4 DTCS5 DTCS6 DTCS7 PBCK VSS VDD
VDD VSS VRCKCS FRPSC TRPSC MSSO MSSI NMCK NMCS XRST AZ SCERA VSS PS0 PS1 DO MP REC2 NPLSRC PLLER CLKDLY VCOOUT VCOIN VSS BUFOUT
RB201 100
RB202 100
RB203 100
RB204 100
RB205 100
RB206 100
RB207 100
RB208 100
RB209 100
RB210 100
RB211 100
RB212 100
DTCS47 111-27
DTCS46 111-28
DTCS45 111-25
DTCS44 111-26
DTCS43 111-23
DTCS42 111-24
DTCS41 111-21
DTCS40 111-22
SYCS4 111-18
SCDVCS4 111-17
VADVCS4 111-20
VPCS4 111-19
SYCS3 111-32
SCDVCS3 111-31
VADVCS3 111-34
VPCS3 111-33
DTCS37 111-41
DTCS36 111-42
DTCS35 111-39
DTCS34 111-40
DTCS33 111-37
DTCS32 111-38
DTCS31 111-35
DTCS30 111-36
DTCS27 111-55
DTCS26 111-56
DTCS25 111-53
DTCS24 111-54
DTCS23 111-51
DTCS22 111-52
DTCS21 111-49
DTCS20 111-50
SYCS2 111-46
SCDVCS2 111-45
VADVCS2 111-48
VPCS2 111-47
VRCKCS2 110-71
VRCKCS3 110-59
VRCKCS4 110-49
P-FRPSC4 111-15
P-TRPSC4 111-16
P-FRPSC3 111-29
P-TRPSC3 111-30
P-FRPSC2 111-43
P-TRPSC2 111-44

DV-16 (4/12) : DIGITAL PROCESS



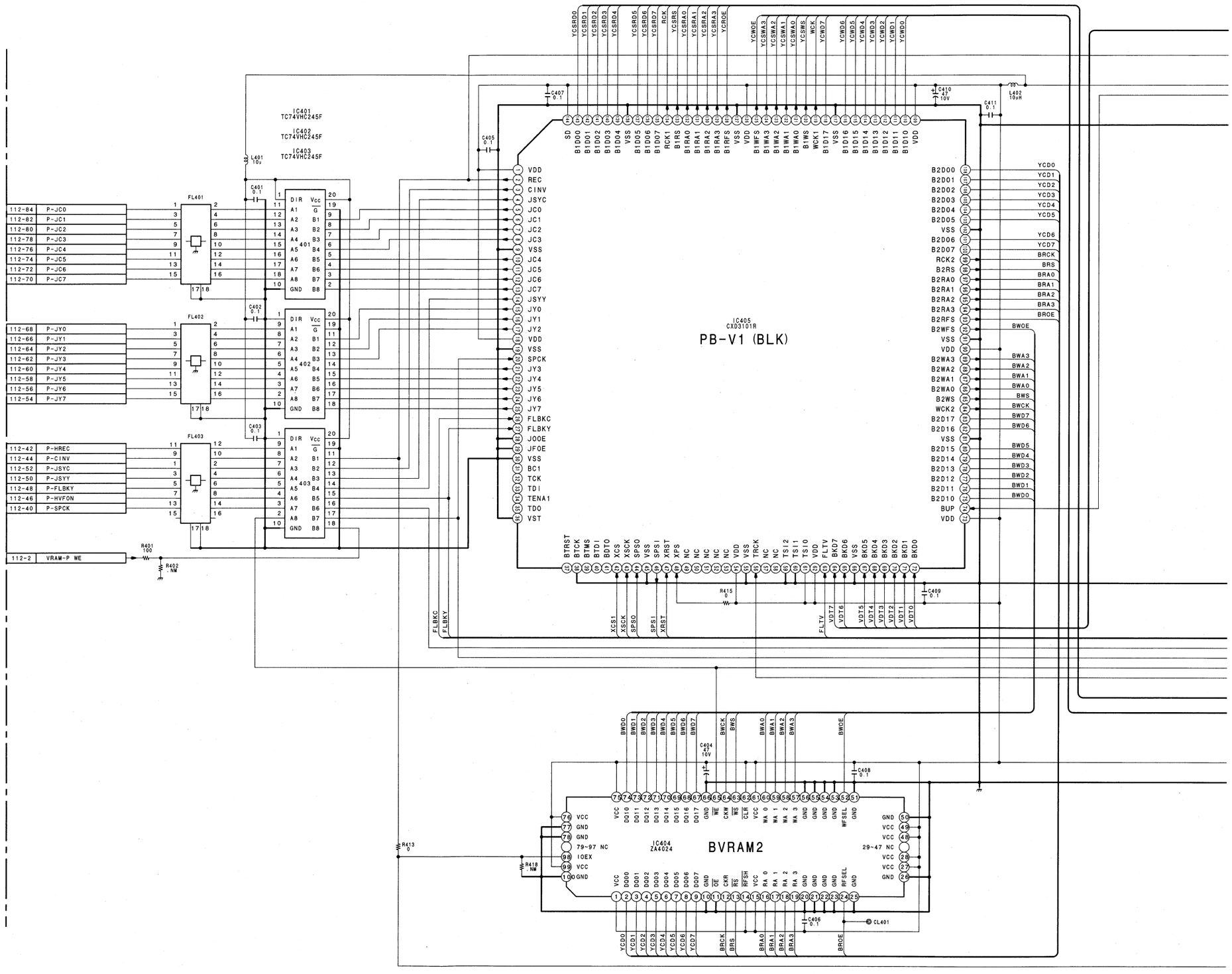
DV-16 (4/12)

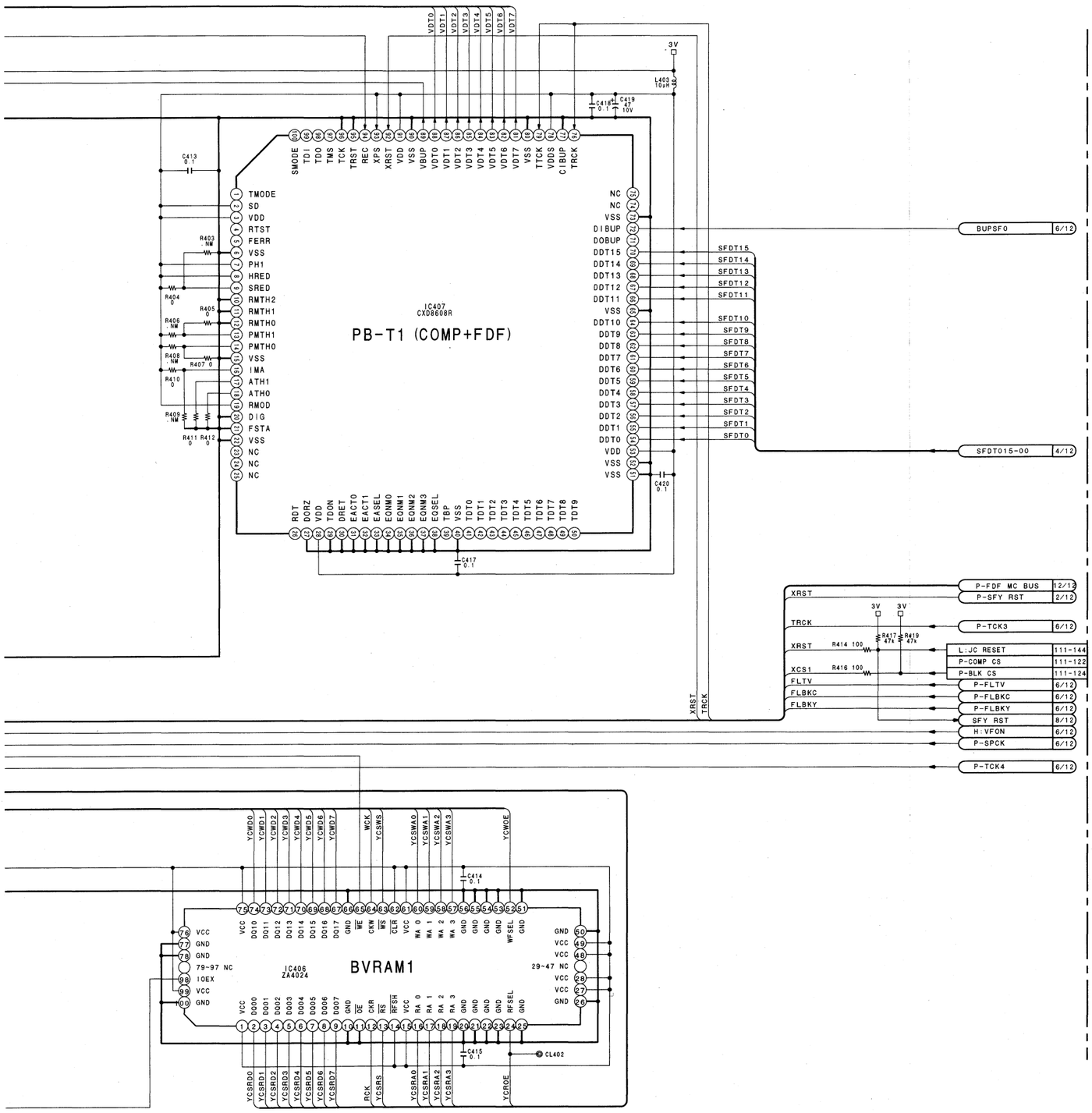




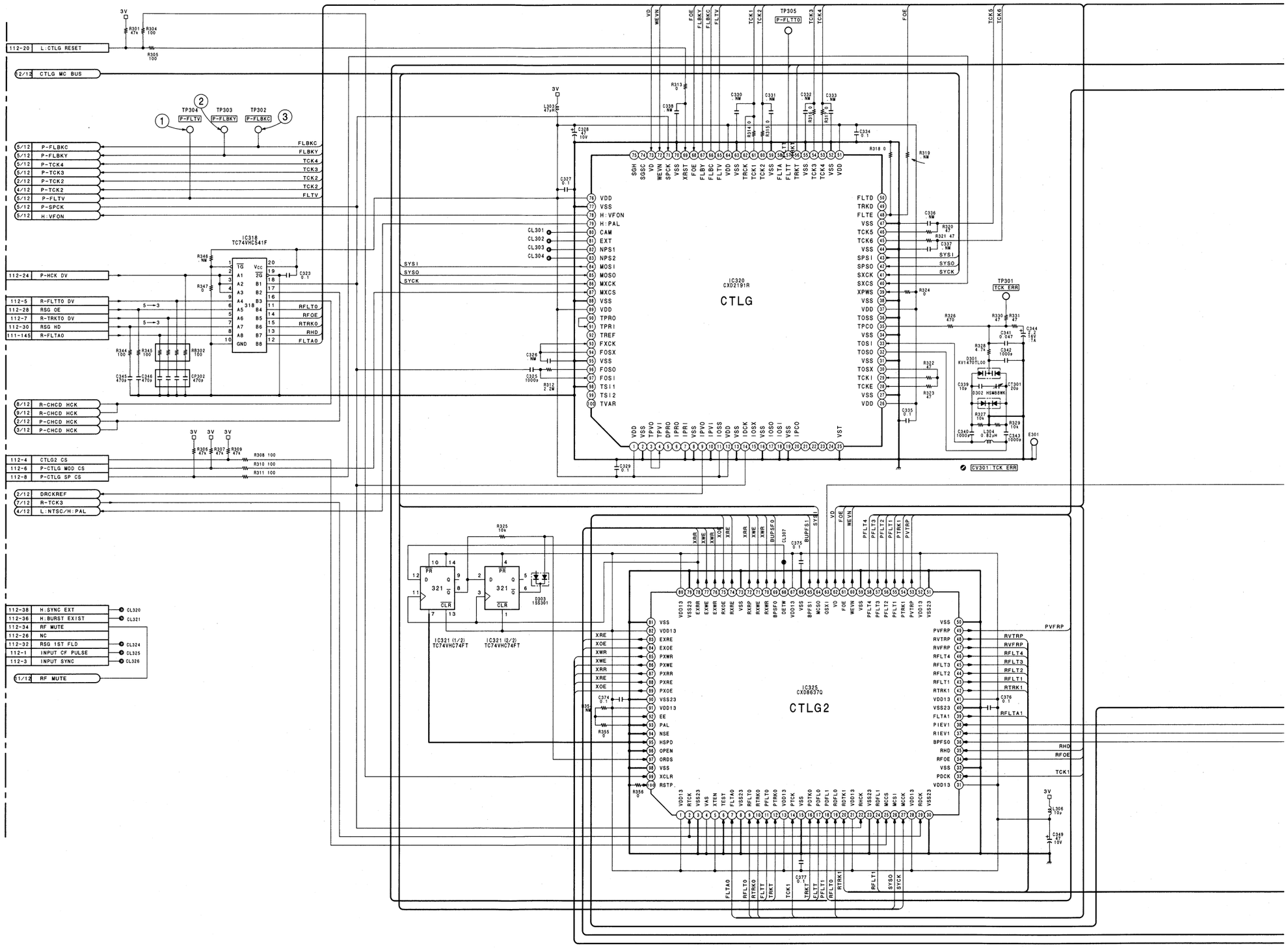
DV-16 (4/12)
MODEL DSR-85/85P

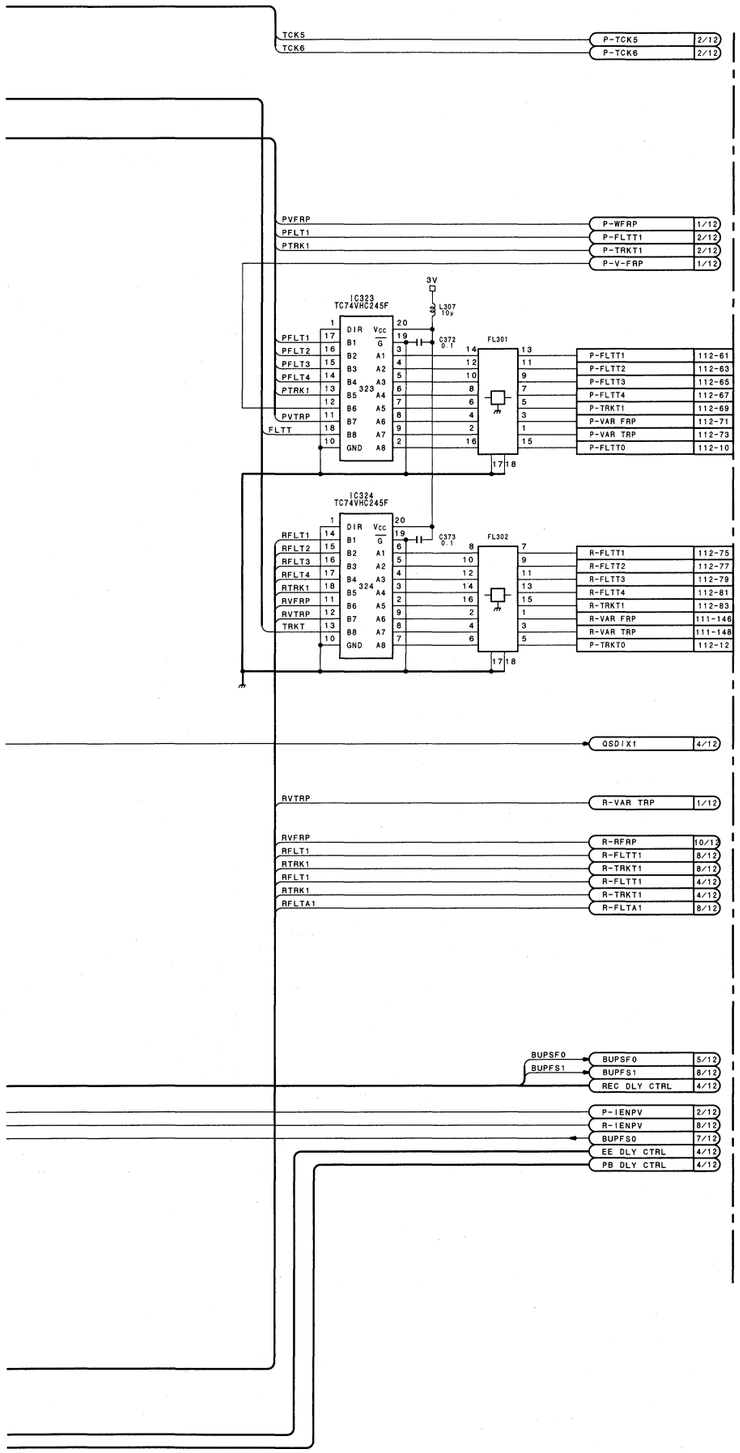
DV-16 (5/12) : DIGITAL PROCESS



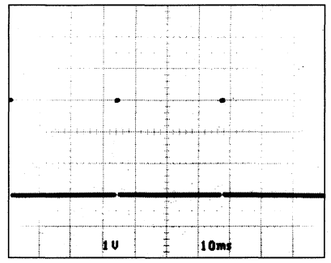

IC407
CXD8608R
PB-T1 (COMP+FDF)
IC406
ZA4024
BVRAM1
3V
L403 10µH
C418 0.1
C419 47 10V
C413 0.1
C414 0.1
C415 0.1
C417 0.1
C420 0.1
R403 NM
R404 0
R405 0
R406 NM
R407 0
R408 NM
R409 NM
R410 0
R411 0
R412 0
R414 100
R416 100
R417 47k
R419 47k
CL402
BUPSF0 6/12
SFDT15
SFDT14
SFDT13
SFDT12
SFDT11
SFDT10
SFDT9
SFDT8
SFDT7
SFDT6
SFDT5
SFDT4
SFDT3
SFDT2
SFDT1
SFDT0
SFDT015-00 4/12
P-FDF MC BUS 12/12
P-SFY RST 2/12
P-TCK3 6/12
L:JC RESET 111-144
P-COMP CS 111-122
P-BLK CS 111-124
P-FLTV 6/12
P-FLBKC 6/12
P-FLBKY 6/12
SFY RST 8/12
H:VFON 6/12
P-SPCK 6/12
P-TCK4 6/12
XRST
TRCK
XCS1
FLTV
FLBKC
FLBKY

DV-16 (6/12) : DIGITAL PROCESS

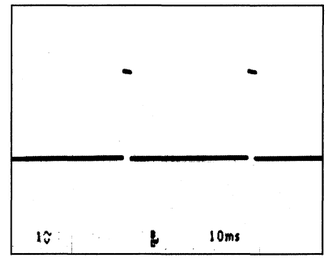




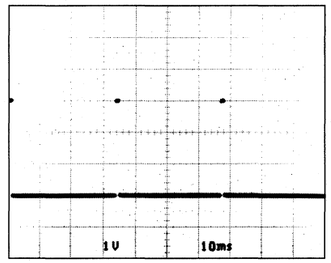
DV-16 (NTSC)
① TP304 MODE: PB



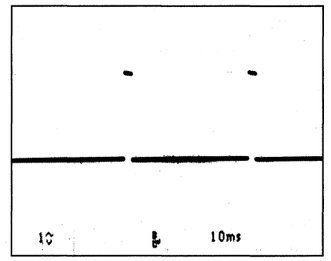
DV-16 (PAL)
① TP304 MODE: PB



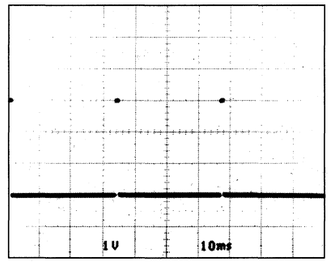
② TP303 MODE: PB



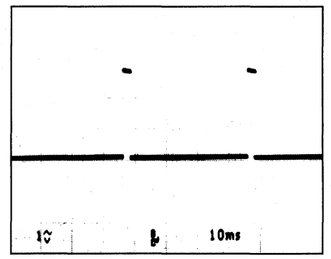
② TP303 MODE: PB



③ TP302 MODE: PB

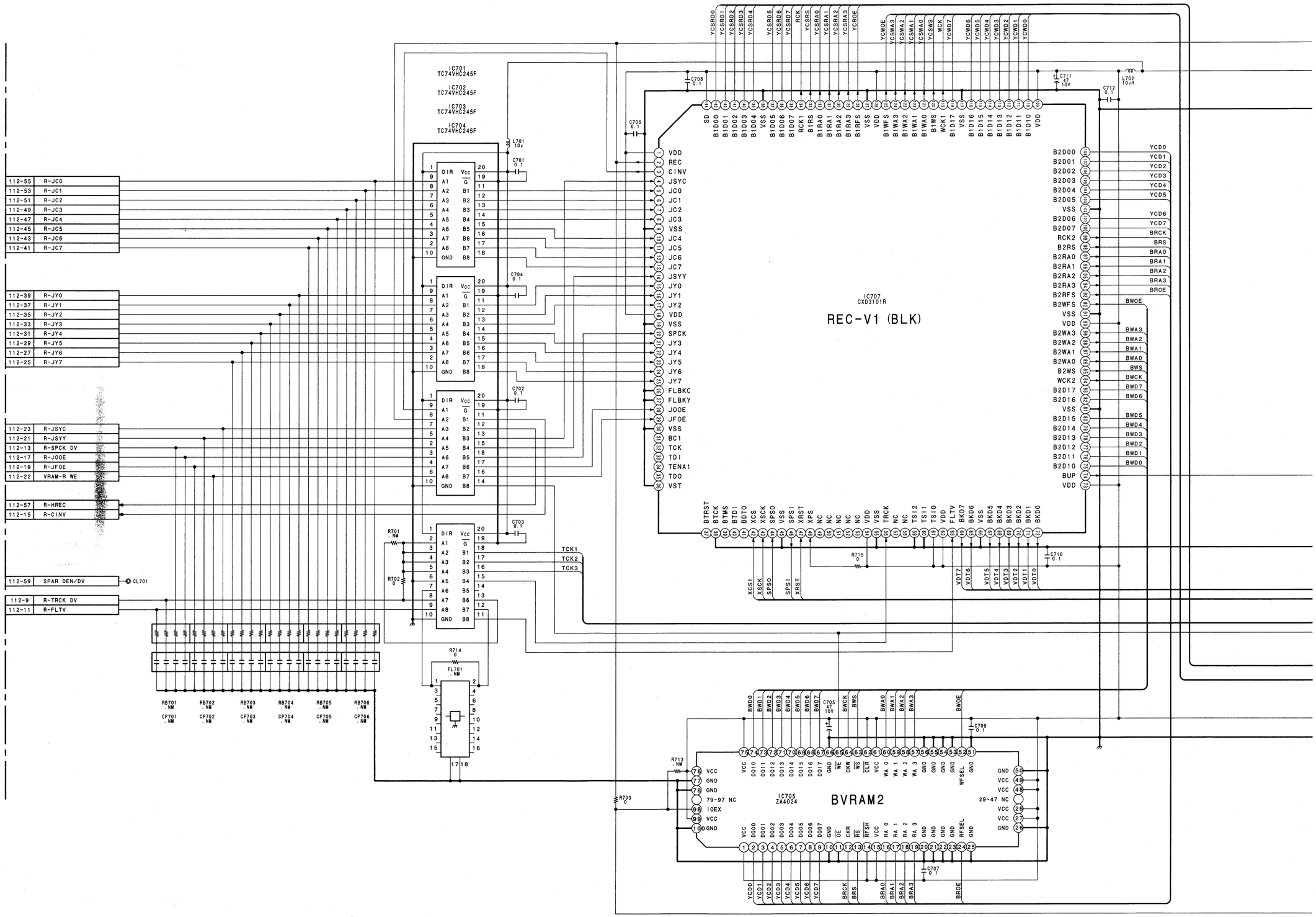


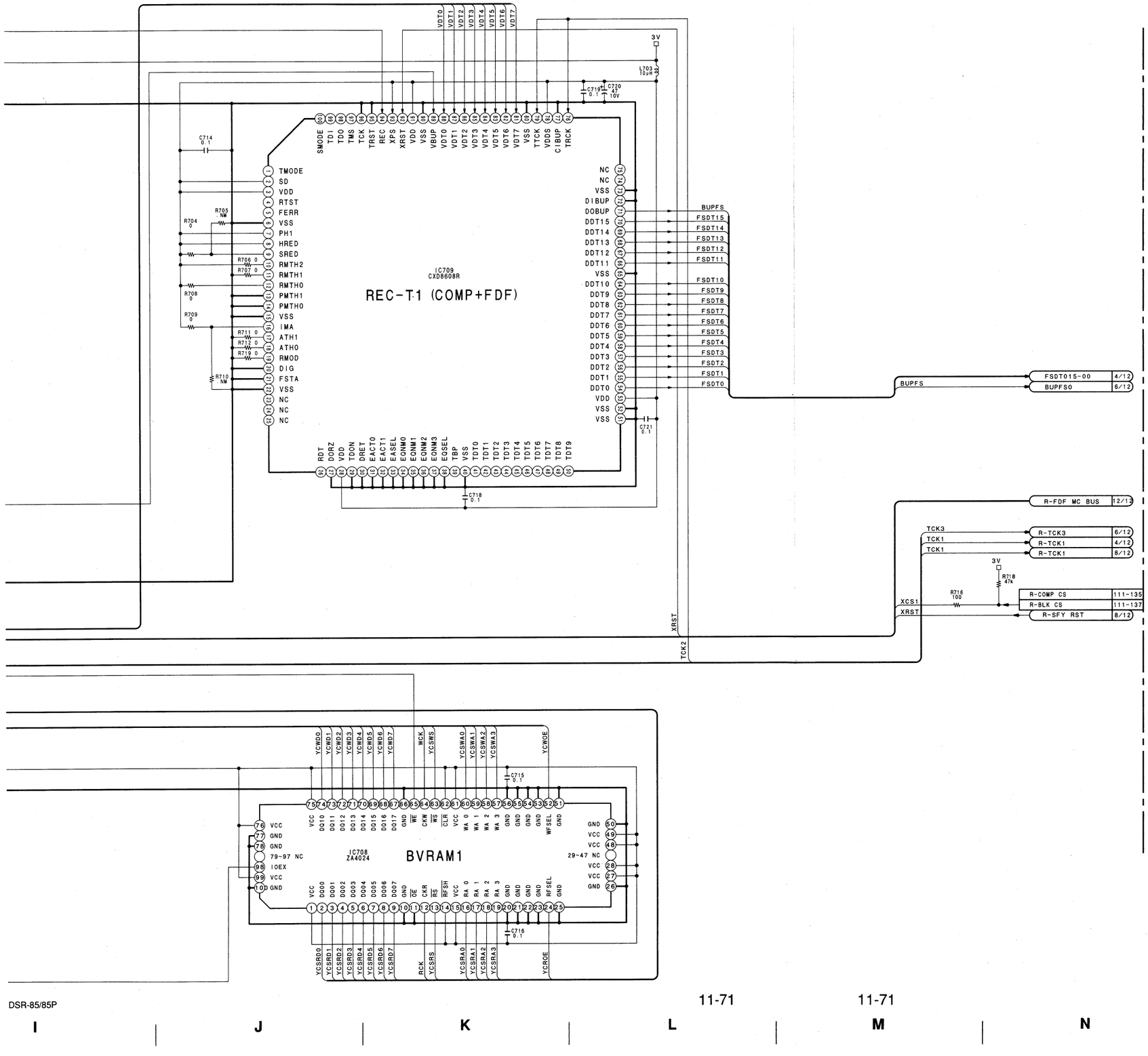
③ TP302 MODE: PB



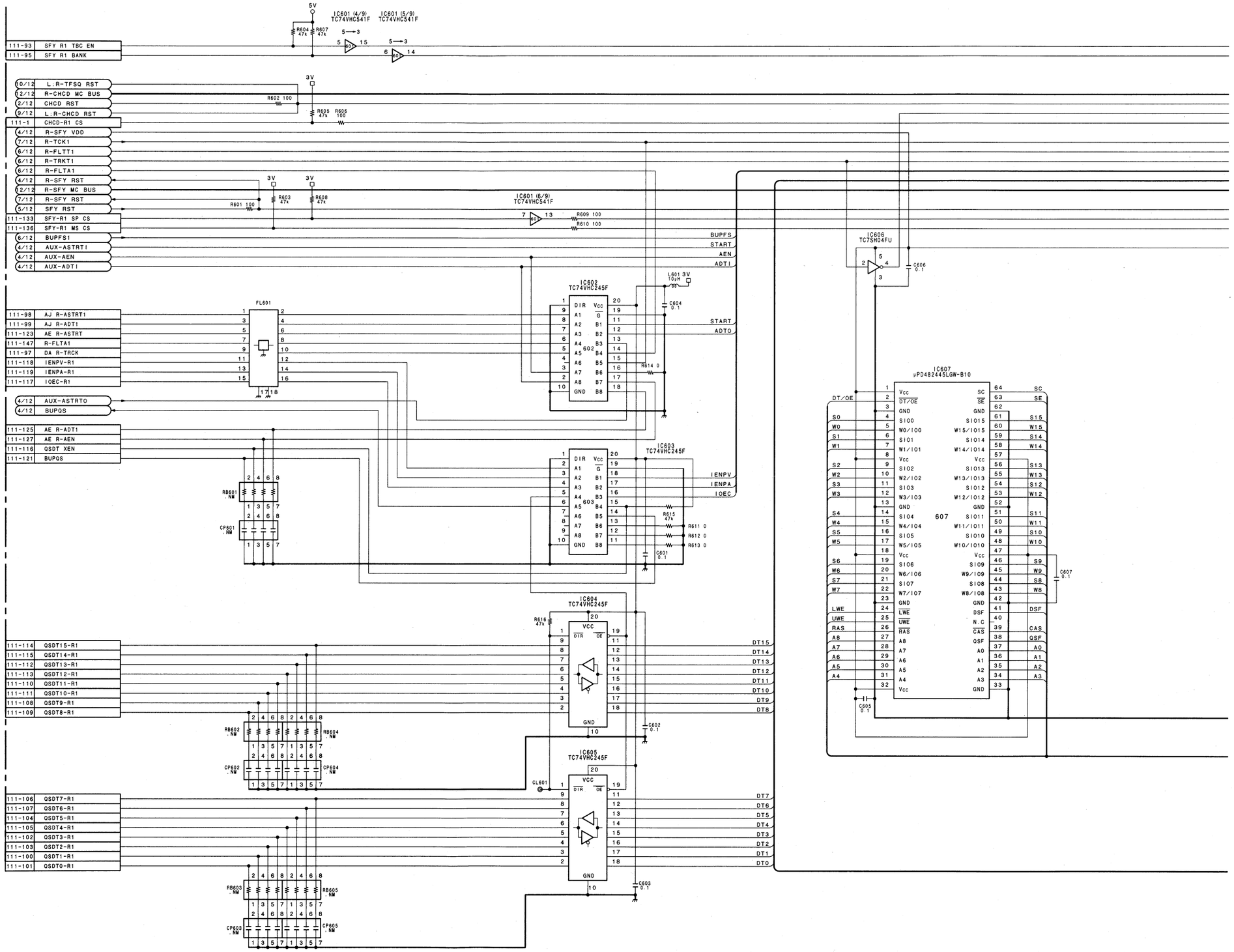
DV-16 (6/12)
MODEL DSR-85/85P

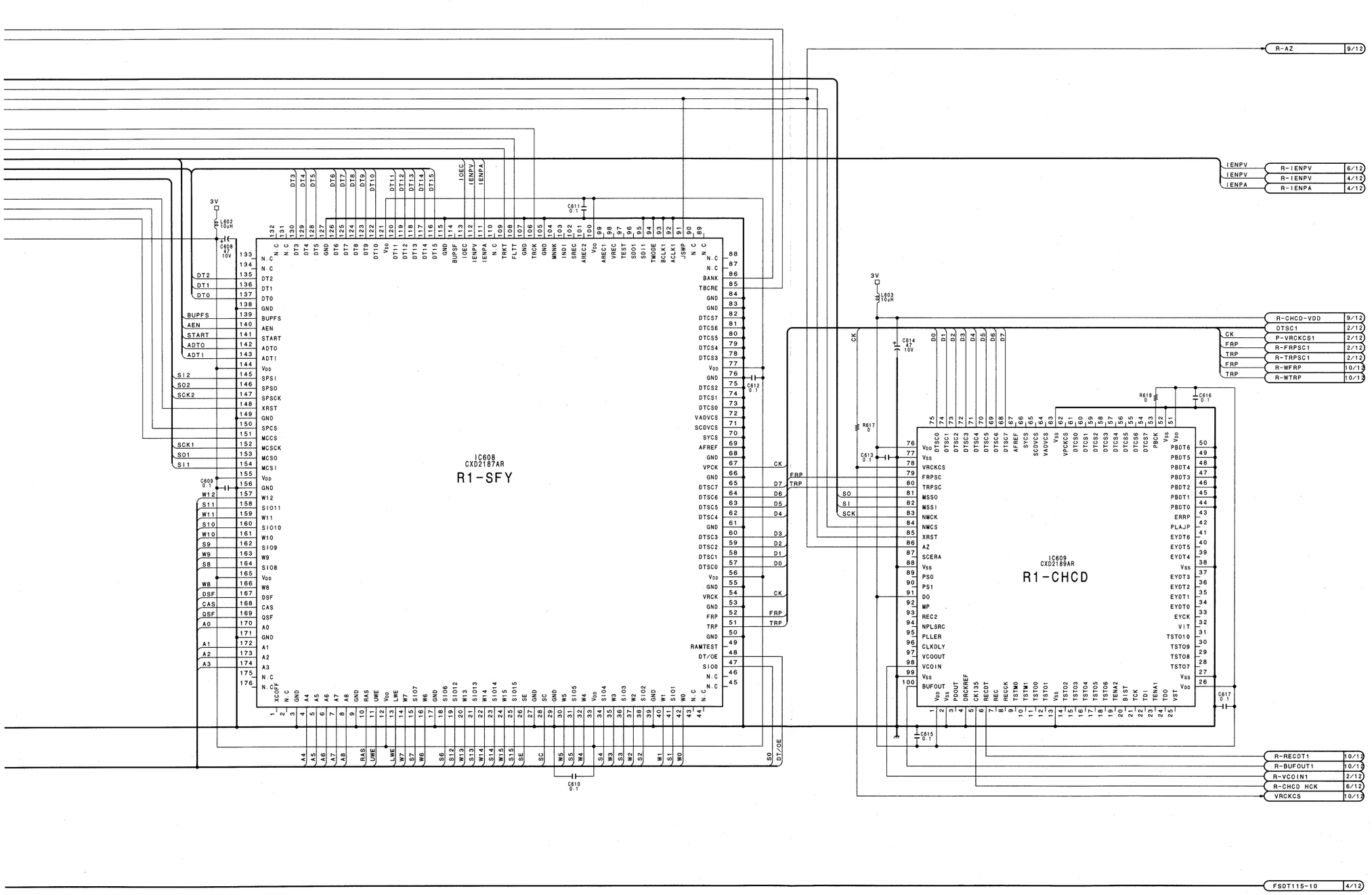
DV-16 (7/12) : DIGITAL PROCESS



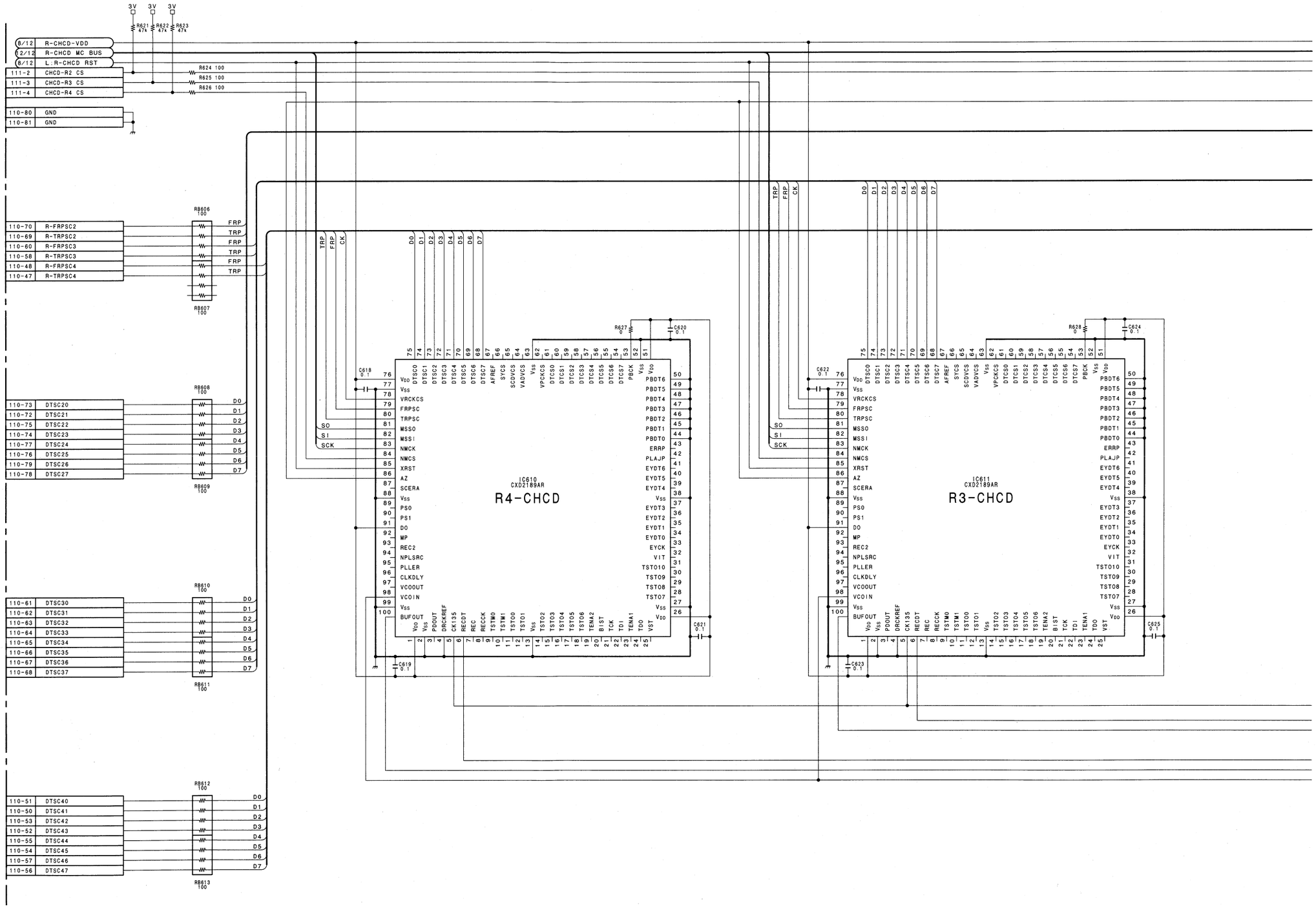

IC709
CXD8608R
REC-T1 (COMP+FDF)
TMODE
SD
VDD
RTST
FERR
VSS
PH1
HRED
SRED
RMTH2
RMTH1
RMTH0
PMTH1
PMTH0
VSS
IMA
ATH1
ATH0
RMOD
DIG
FSTA
VSS
NC
NC
NC
NC
NC
VSS
DIBUP
DOBUP
DDT15
DDT14
DDT13
DDT12
DDT11
VSS
DDT10
DDT9
DDT8
DDT7
DDT6
DDT5
DDT4
DDT3
DDT2
DDT1
DDT0
VDD
VSS
VSS
BUPFS
FSDT15
FSDT14
FSDT13
FSDT12
FSDT11
FSDT10
FSDT9
FSDT8
FSDT7
FSDT6
FSDT5
FSDT4
FSDT3
FSDT2
FSDT1
FSDT0
3V
L703 10µH
C719 0.1
C720 47 10V
C714 0.1
R705 NM
R704 0
R706 0
R707 0
R708 0
R709 0
R711 0
R712 0
R719 0
R710 NM
C721 0.1
C718 0.1
C715 0.1
C716 0.1
IC708
ZA4024
BVRAM1
VCC
GND
79~97 NC
IOEX
VCC
GND
29~47 NC
BUPFS
FSDT015-00 4/12
BUPFS0 6/12
R-FDF MC BUS 12/12
TCK3
TCK1
TCK1
R-TCK3 6/12
R-TCK1 4/12
R-TCK1 8/12
R718 47k
R716 100
XCS1
XRST
R-COMP CS 111-135
R-BLK CS 111-137
R-SFY RST 8/12
XRST
TCK2

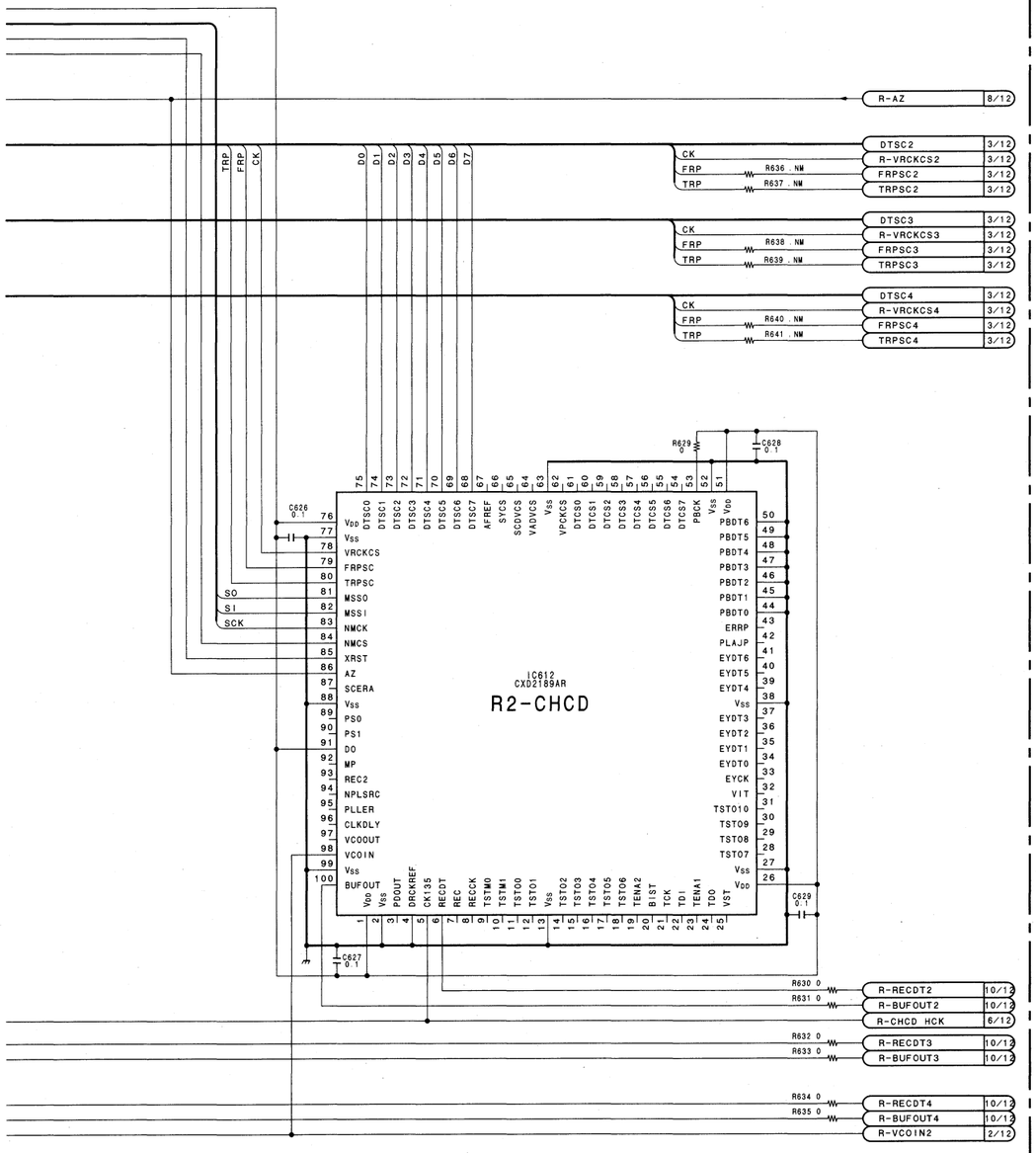
DV-16 (8/12) : DIGITAL PROCESS



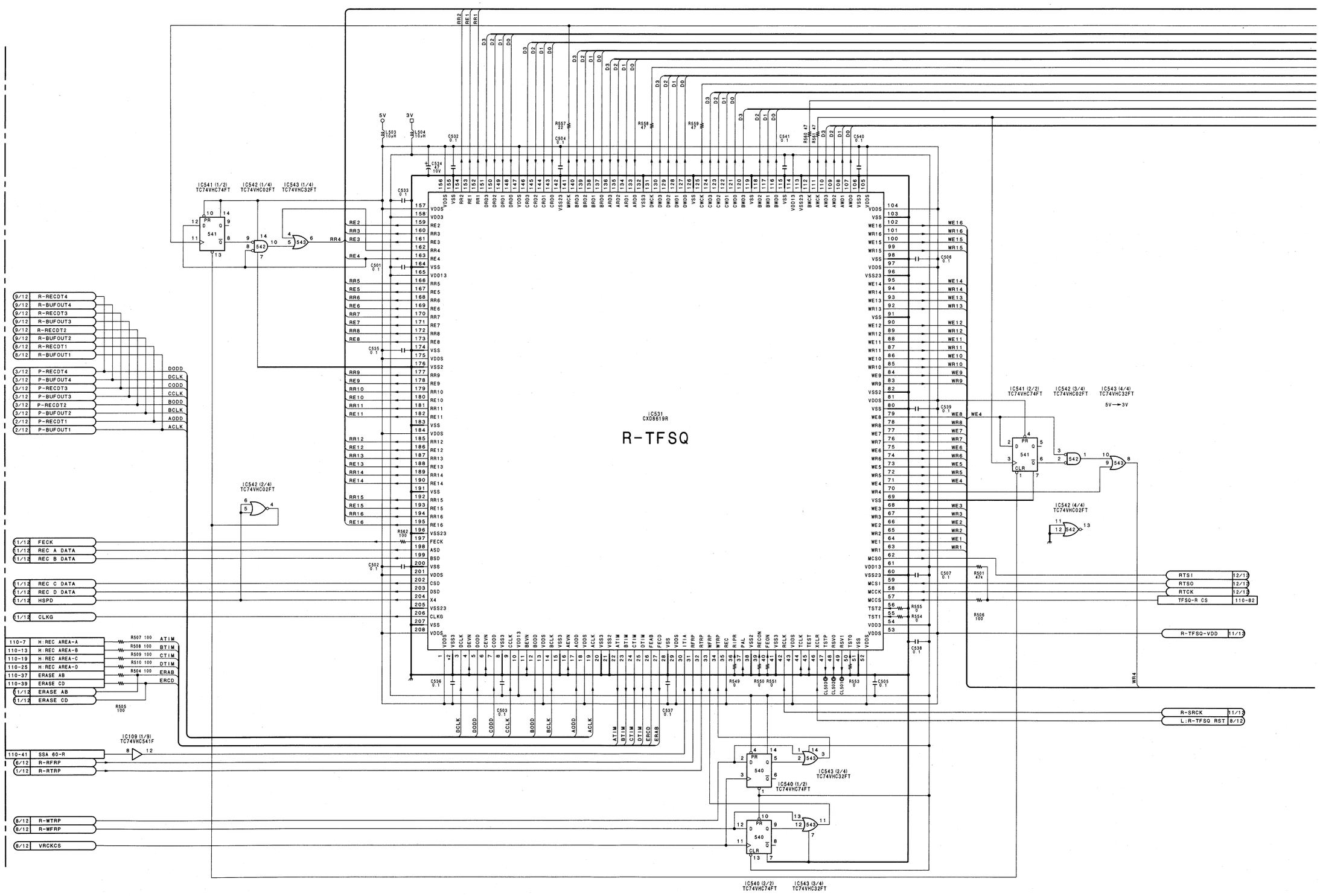

IC608
CXD2187AR
R1-SFY
IC609
CXD2189AR
R1-CHCD
R-AZ 9/12
IENPV R-IENPV 6/12
IENPV R-IENPV 4/12
IENPA R-IENPA 4/12
R-CHCD-VDD 9/12
DTSC1 2/12
P-VRCKCS1 2/12
R-FRPSC1 2/12
R-TRPSC1 2/12
R-WFRP 10/12
R-WTRP 10/12
R-RECDT1 10/12
R-BUFOUT1 10/12
R-VCOIN1 2/12
R-CHCD HCK 6/12
VRCKCS 10/12
FSDT115-10 4/12

DV-16 (9/12) : DIGITAL PROCESS

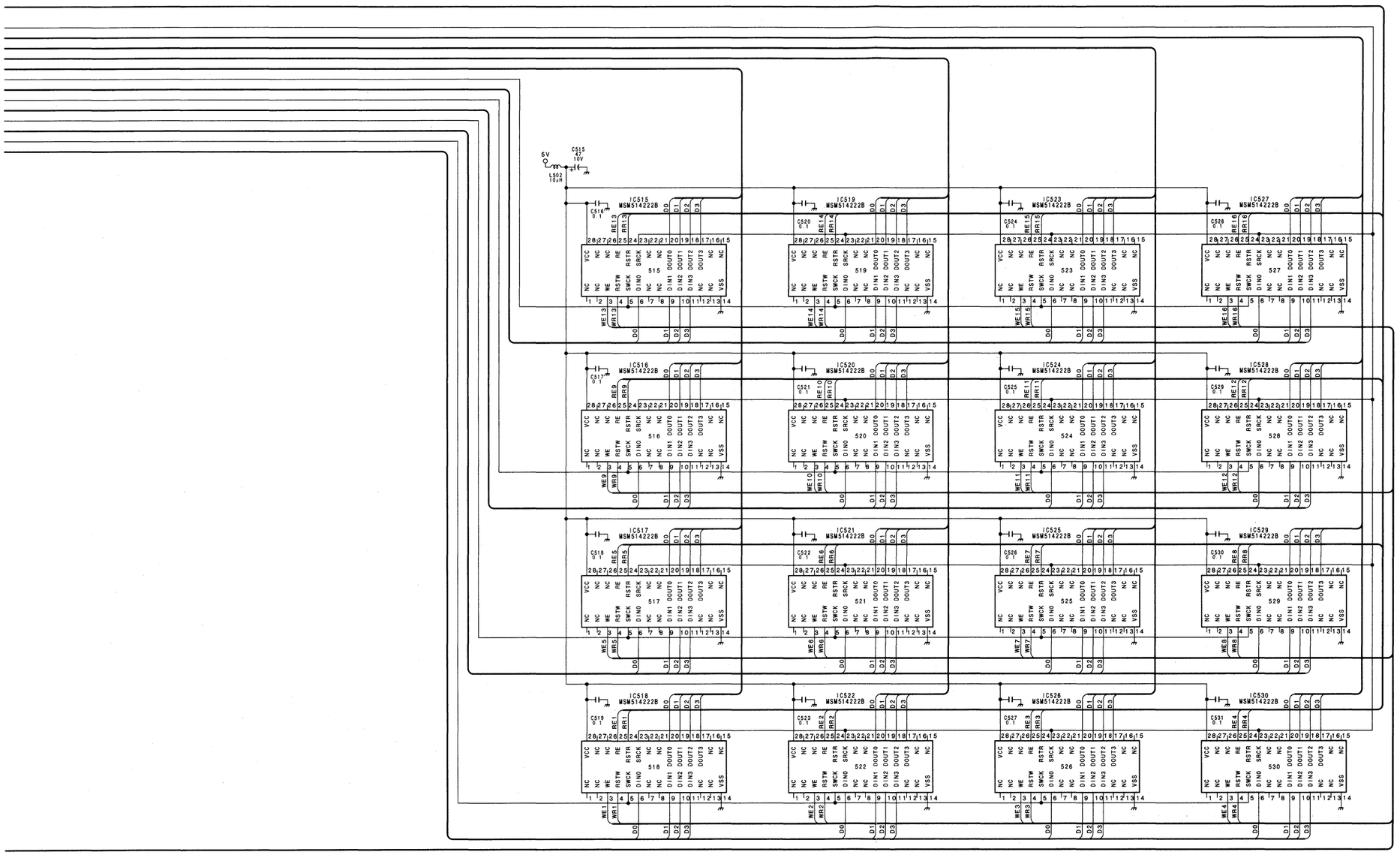



R-AZ 8/12
DTSC2 3/12
R-VRCKCS2 3/12
FRPSC2 3/12
TRPSC2 3/12
DTSC3 3/12
R-VRCKCS3 3/12
FRPSC3 3/12
TRPSC3 3/12
DTSC4 3/12
R-VRCKCS4 3/12
FRPSC4 3/12
TRPSC4 3/12
CK
FRP
TRP
R636 NM
R637 NM
R638 NM
R639 NM
R640 NM
R641 NM
R629 0
C628 0.1
C626 0.1
C627 0.1
C629 0.1
iC612
CXD2189AR
R2-CHCD
R630 0
R631 0
R632 0
R633 0
R634 0
R635 0
R-RECDT2 10/12
R-BUFOUT2 10/12
R-CHCD HCK 6/12
R-RECDT3 10/12
R-BUFOUT3 10/12
R-RECDT4 10/12
R-BUFOUT4 10/12
R-VCOIN2 2/12

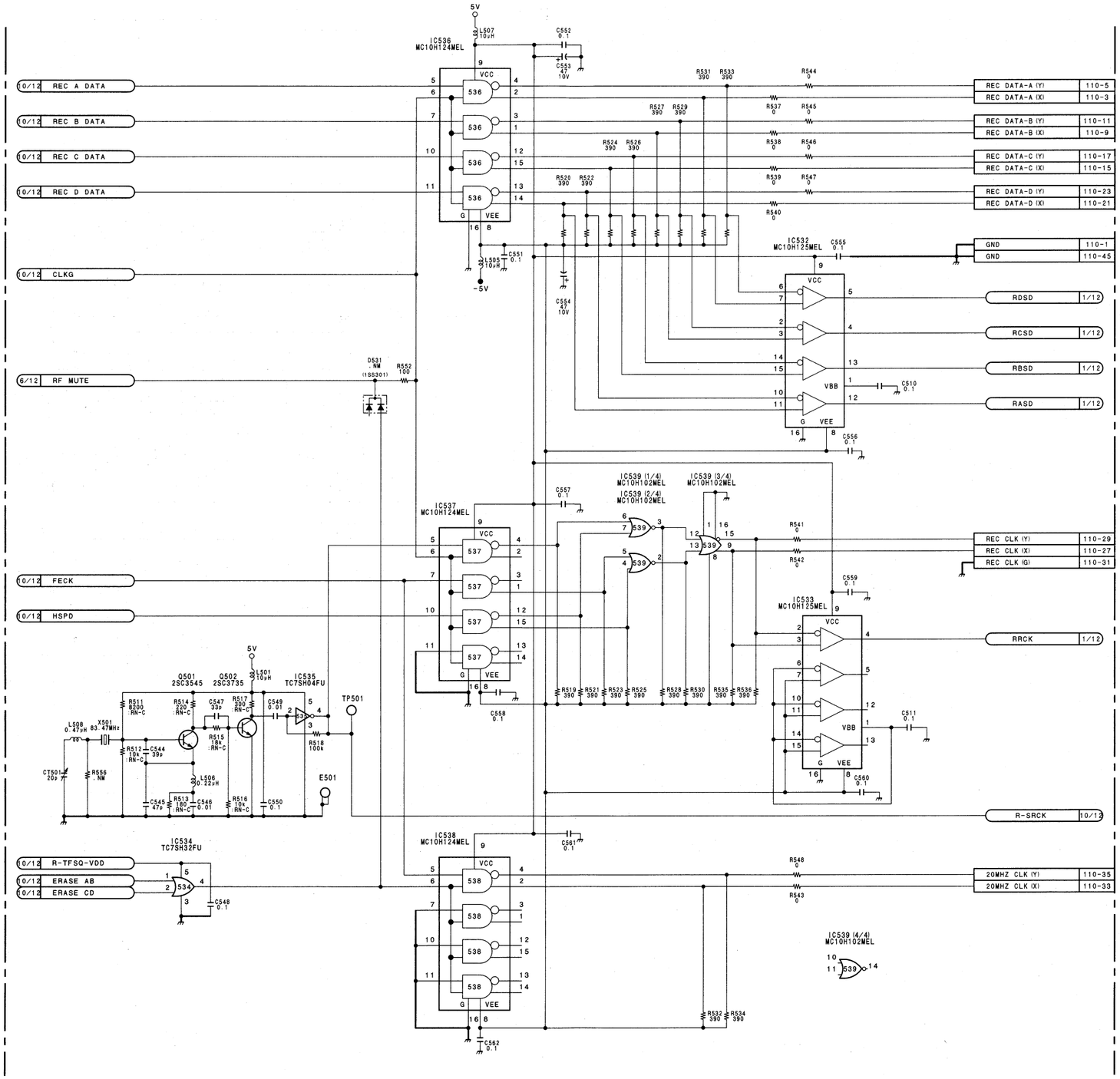
DV-16 (10/12) : DIGITAL PROCESS



DV-16 (10/12)


5V
C515 47 10V
L502 10UH
IC515 MSM514222B
IC516 MSM514222B
IC517 MSM514222B
IC518 MSM514222B
IC519 MSM514222B
IC520 MSM514222B
IC521 MSM514222B
IC522 MSM514222B
IC523 MSM514222B
IC524 MSM514222B
IC525 MSM514222B
IC526 MSM514222B
IC527 MSM514222B
IC528 MSM514222B
IC529 MSM514222B
IC530 MSM514222B
IC531 MSM514222B
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530

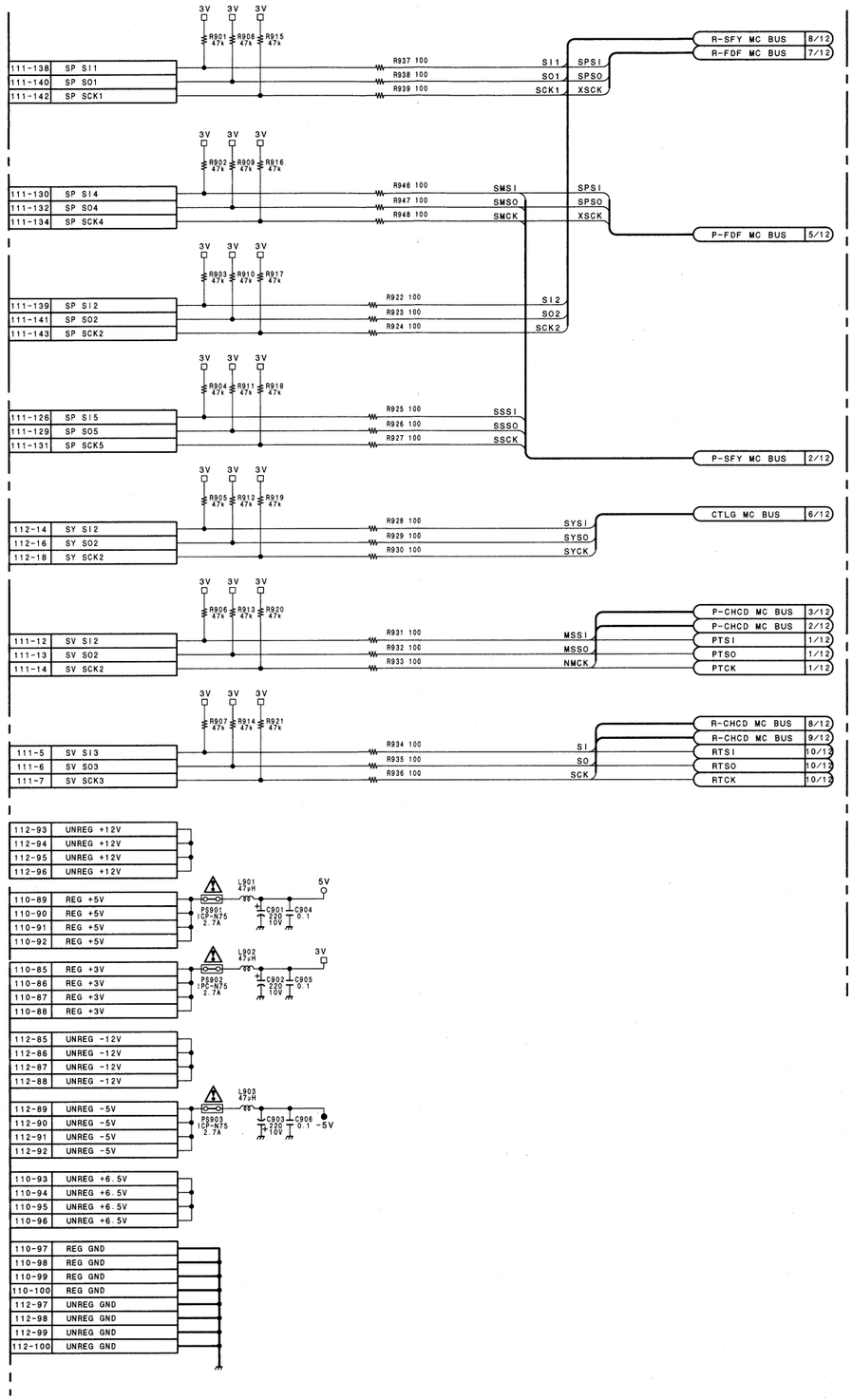
DV-16 (11/12) : DIGITAL PROCESS



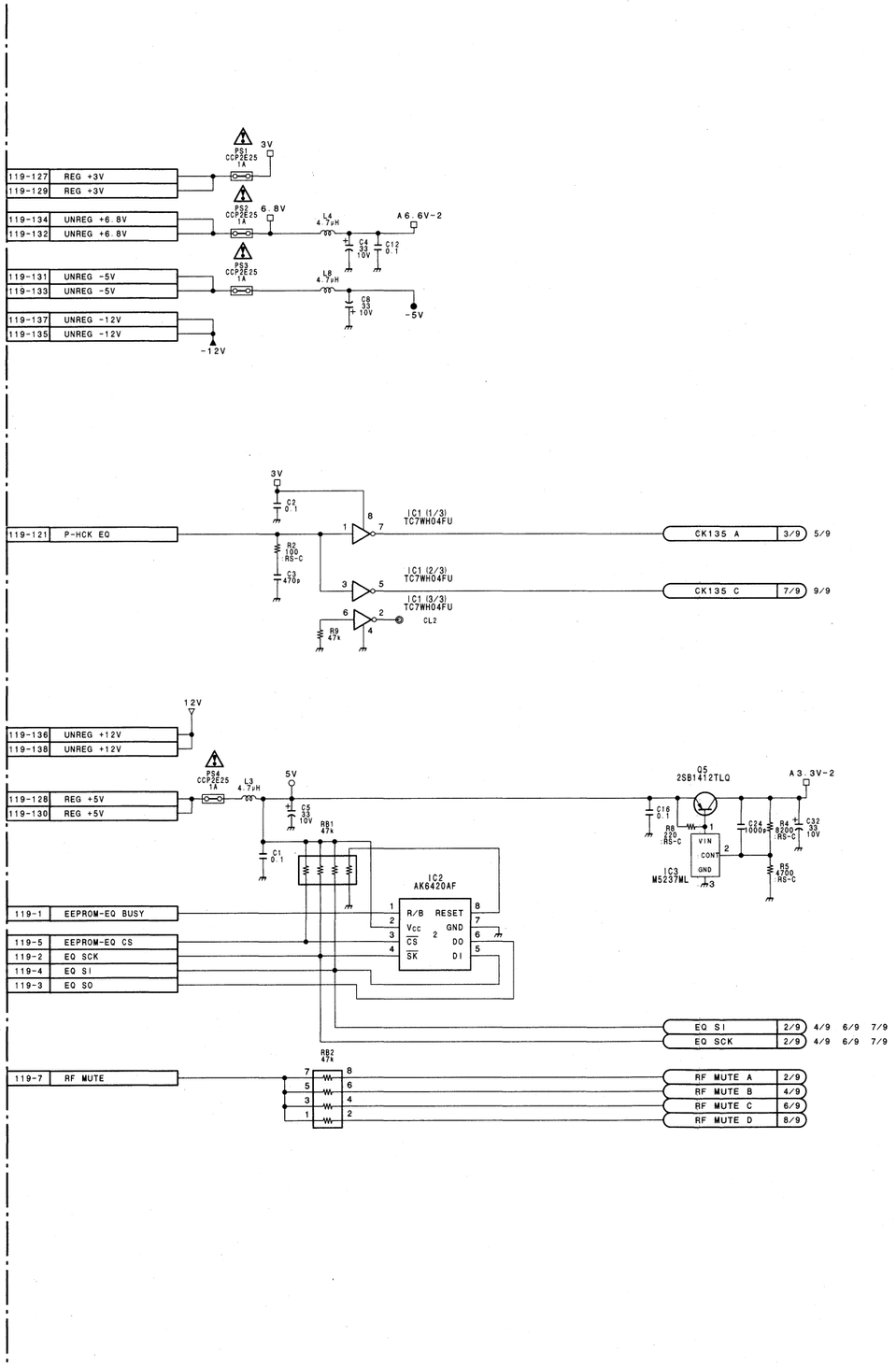
DV-16 (11/12)
MODEL DSR-85/85P

DSR-85/85P

DV-16 (12/12) : DIGITAL PROCESS

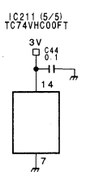


EQ-57 (1/9) : RF DATA PROCESS



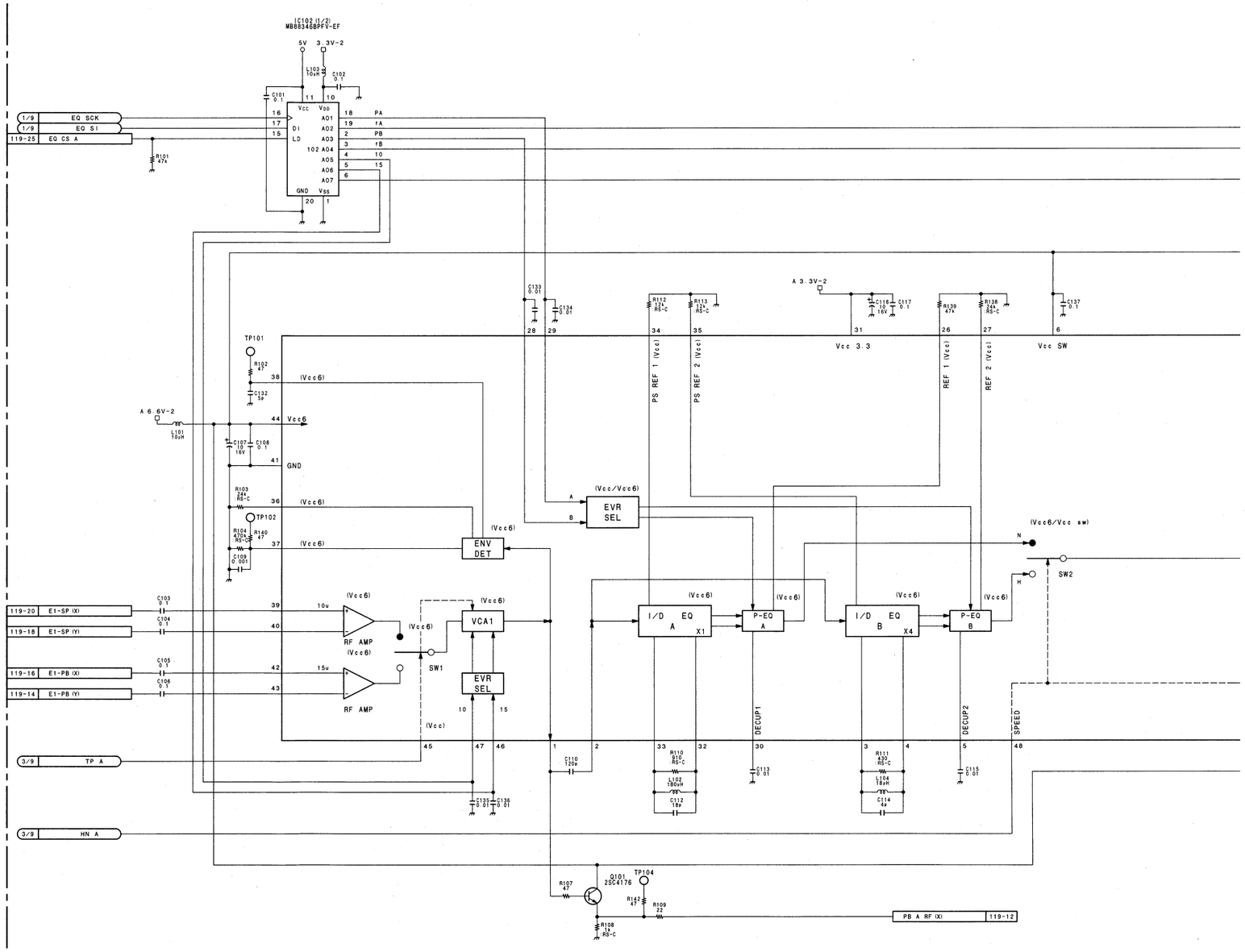
REG GND	119-29
REG GND	119-30
REG GND	119-31
REG GND	119-32
REG GND	119-33
REG GND	119-37
REG GND	119-38
REG GND	119-39
REG GND	119-40
REG GND	119-41
REG GND	119-45
REG GND	119-46
REG GND	119-47
REG GND	119-83
REG GND	119-84
REG GND	119-85
REG GND	119-89
REG GND	119-90
REG GND	119-91
REG GND	119-92
REG GND	119-93
REG GND	119-97
REG GND	119-98
REG GND	119-122
REG GND	119-123
REG GND	119-124
REG GND	119-125
REG GND	119-126
REG GND	119-139
REG GND	119-140
REG GND	119-141
REG GND	119-142
REG GND	119-143
REG GND	119-144

UNREG GND	119-9
UNREG GND	119-10
UNREG GND	119-13
UNREG GND	119-15
UNREG GND	119-17
UNREG GND	119-19
UNREG GND	119-21
UNREG GND	119-22
UNREG GND	119-23
UNREG GND	119-24
UNREG GND	119-52
UNREG GND	119-53
UNREG GND	119-55
UNREG GND	119-57
UNREG GND	119-59
UNREG GND	119-61
UNREG GND	119-63
UNREG GND	119-64
UNREG GND	119-65
UNREG GND	119-66
UNREG GND	119-67
UNREG GND	119-69
UNREG GND	119-71
UNREG GND	119-73
UNREG GND	119-75
UNREG GND	119-77
UNREG GND	119-78
UNREG GND	119-103
UNREG GND	119-104
UNREG GND	119-105
UNREG GND	119-107
UNREG GND	119-109
UNREG GND	119-111
UNREG GND	119-113
UNREG GND	119-115
UNREG GND	119-116
UNREG GND	119-145
UNREG GND	119-146
UNREG GND	119-147
UNREG GND	119-148

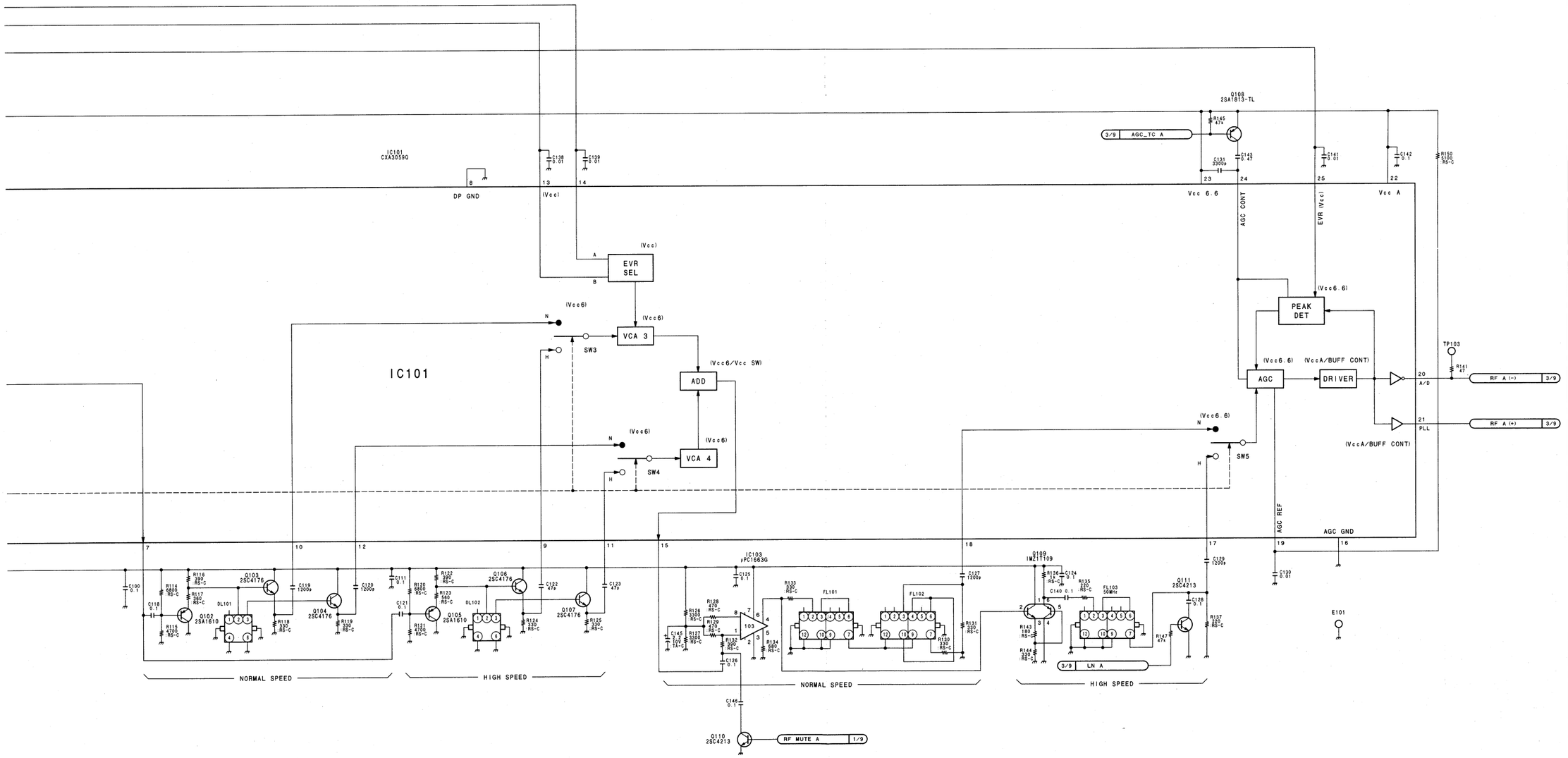


EQ-57 (1/9)
MODEL DSR-85/85P

EQ-57 (2/9) : RF DATA PROCESS

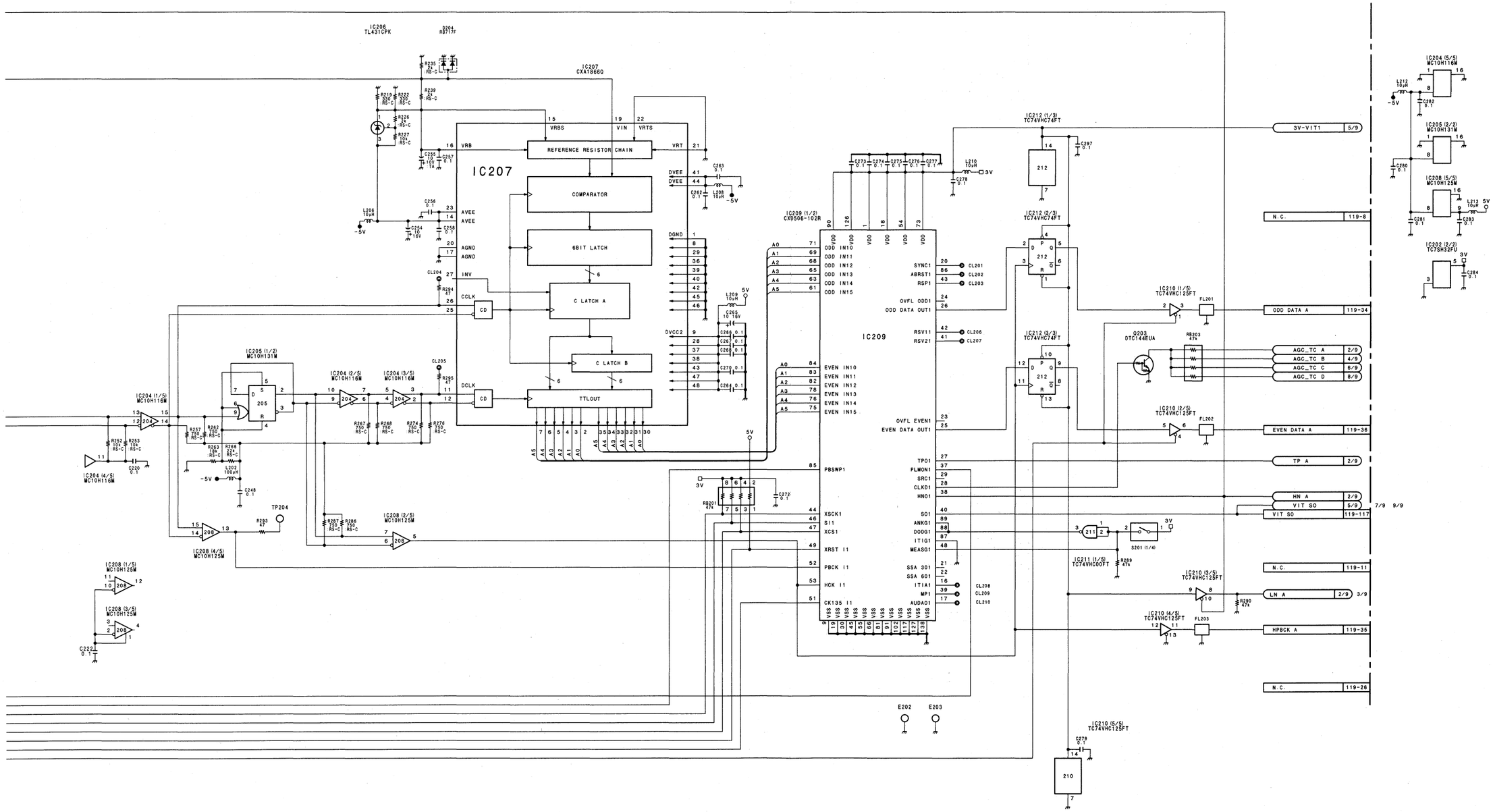


EQ-57 (2/9)



EQ-57 (2/9)
MODEL DSR-85/85P

EQ-57 (3/9) : RF DATA PROCESS


IC206 TL431CPK
D204 RB717F
IC207 CXA1866Q
IC207
REFERENCE RESISTOR CHAIN
COMPARATOR
6BIT LATCH
C LATCH A
C LATCH B
TTLOUT
VRBS
VIN
VRTS
VRB
VRT
DVEE
AVEE
AGND
INV
CCLK
CD
DCLK
DGND
DVCC2
IC209 (1/2) CX05506-102R
IC209
EVEN IN10
EVEN IN11
EVEN IN12
EVEN IN13
EVEN IN14
EVEN IN15
OVFL EVEN1
EVEN DATA OUT1
OVFL ODD1
ODD DATA OUT1
SYNC1
ABRST1
RSP1
RSV11
RSV21
PBSWP1
XSCK1
SI1
XCS1
XRST I1
PBCK I1
HCK I1
CK135 I1
TPO1
PLMON1
SRC1
CLKD1
HNO1
SO1
ANKG1
DODG1
ITIG1
MEASG1
SSA 3O1
SSA 6O1
ITIA1
MP1
AUDAO1
IC212 (1/3) TC74VHC74FT
IC212 (2/3) TC74VHC74FT
IC212 (3/3) TC74VHC74FT
IC210 (1/5) TC74VHC125FT
IC210 (2/5) TC74VHC125FT
IC210 (3/5) TC74VHC125FT
IC210 (4/5) TC74VHC125FT
IC210 (5/5) TC74VHC125FT
IC211 (1/5) TC74VHC00FT
IC205 (1/2) MC10H131M
IC204 (1/5) MC10H116M
IC204 (2/5) MC10H116M
IC204 (3/5) MC10H116M
IC204 (4/5) MC10H116M
IC204 (5/5) MC10H116M
IC205 (2/2) MC10H131M
IC208 (1/5) MC10H125M
IC208 (2/5) MC10H125M
IC208 (3/5) MC10H125M
IC208 (4/5) MC10H125M
IC208 (5/5) MC10H125M
IC202 (2/2) TC7SH32FU
Q203 DTC144EUA
S201 (1/4)
FL201
FL202
FL203
TP204
E202
E203
3V-VIT1 5/9
N.C. 119-8
ODD DATA A 119-34
AGC_TC A 2/9
AGC_TC B 4/9
AGC_TC C 6/9
AGC_TC D 8/9
EVEN DATA A 119-36
TP A 2/9
HN A 2/9
VIT SO 5/9
VIT SO 119-117
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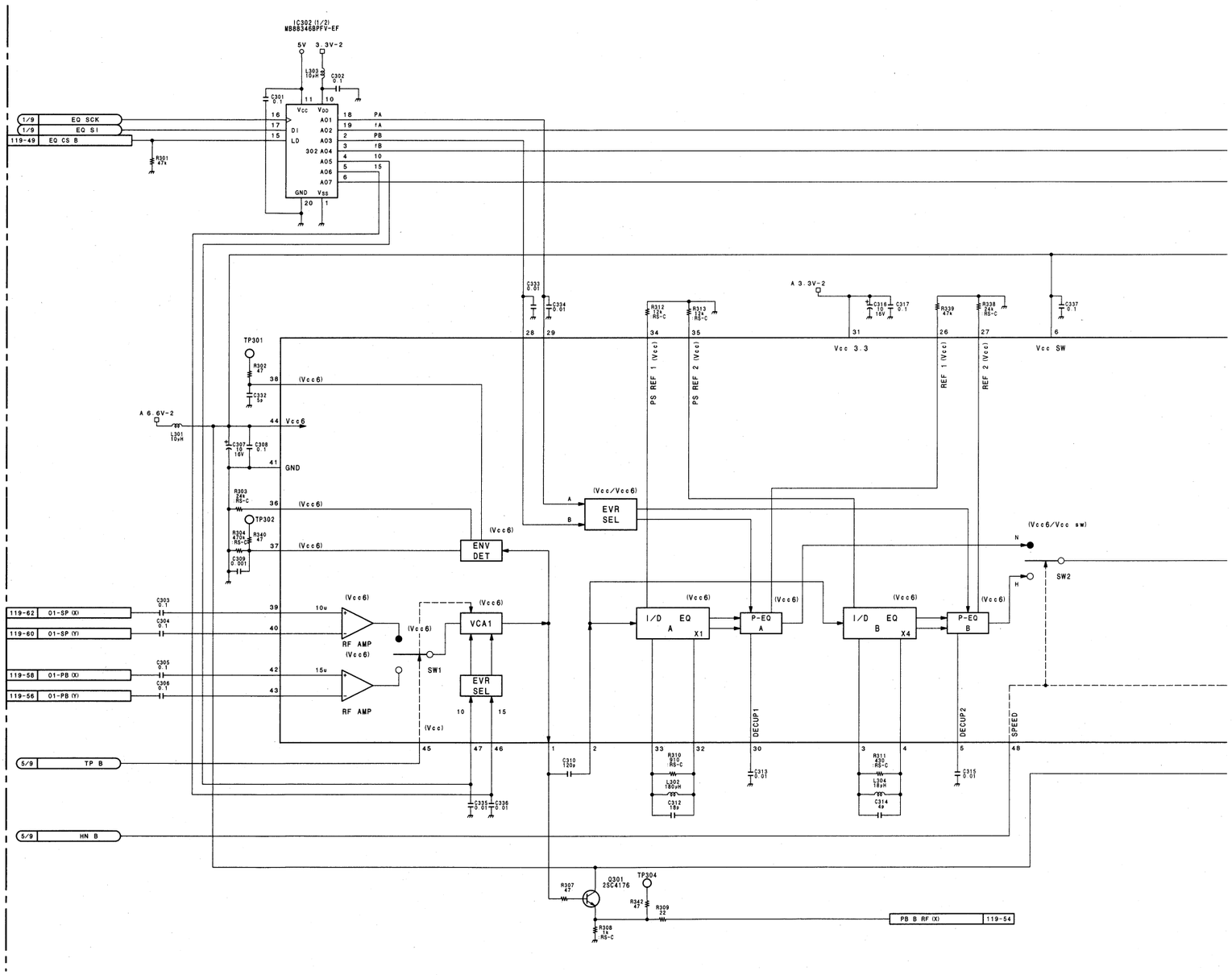
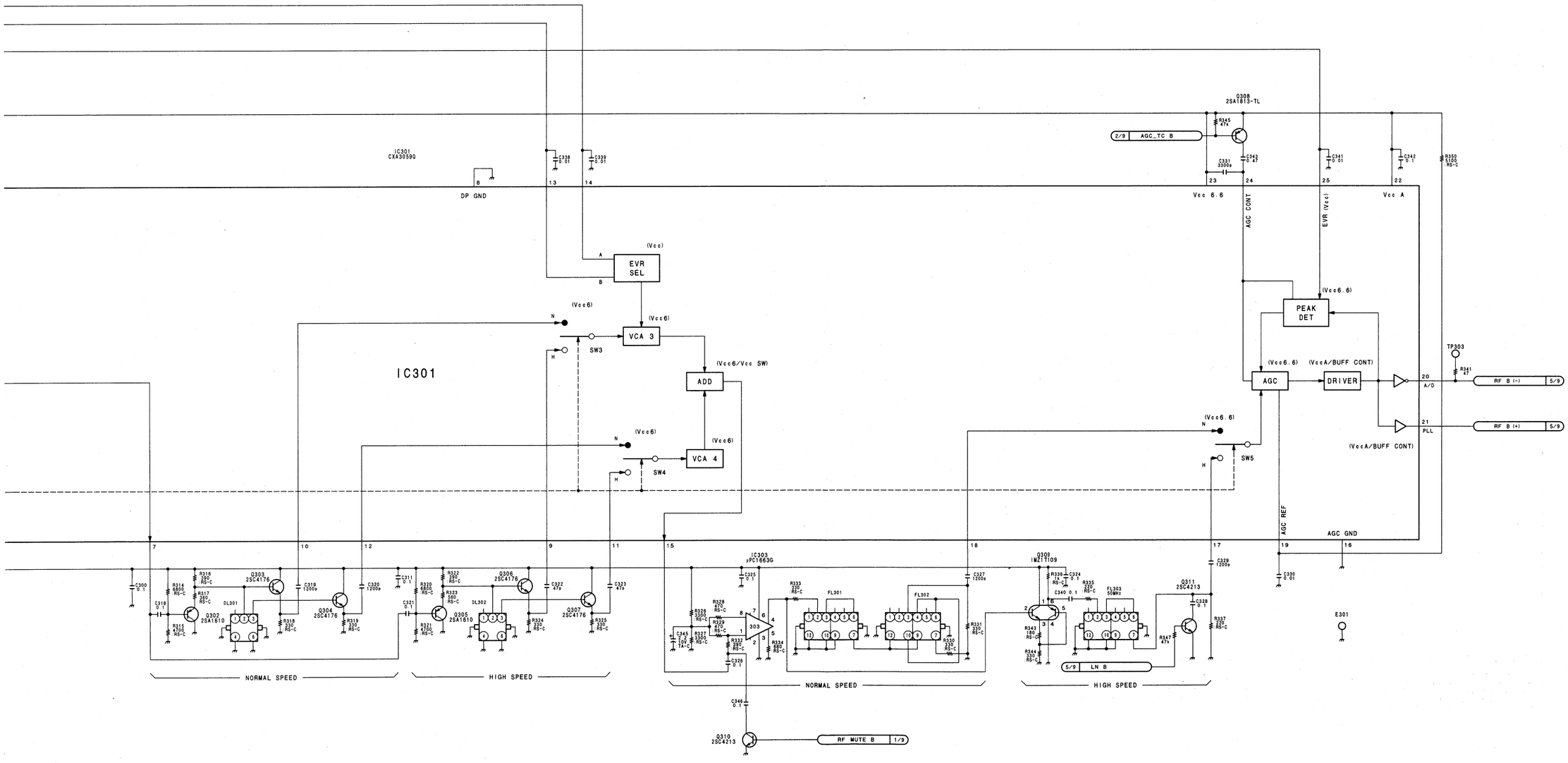
N.C. 119-11
LN A 2/9 3/9
HPBCK A 119-35
N.C. 119-26
CL201
CL202
CL203
CL204
CL205
CL206
CL207
CL208
CL209
CL210
3V
5V
-5V

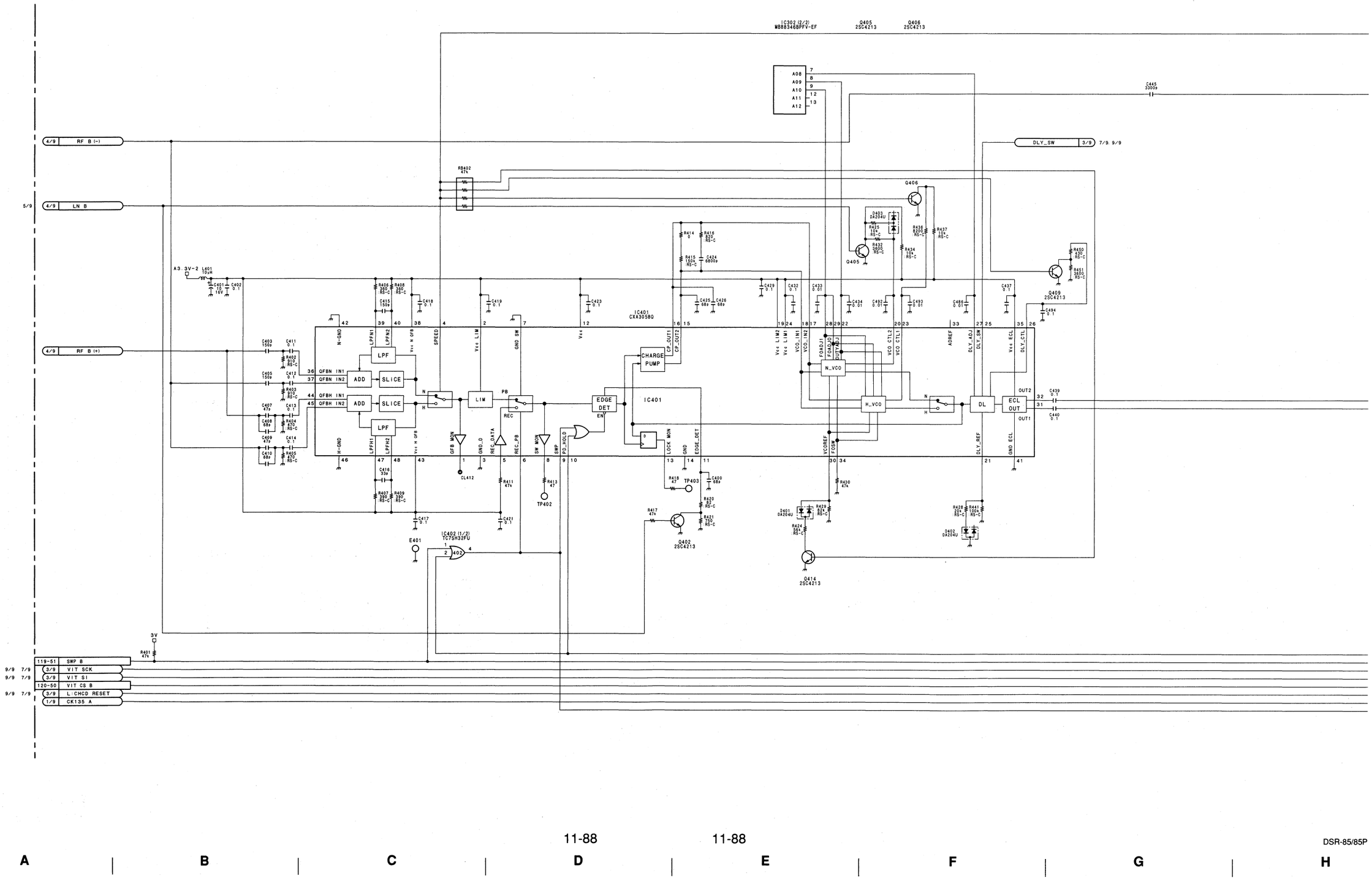
EQ-57 (4/9) : RF DATA PROCESS



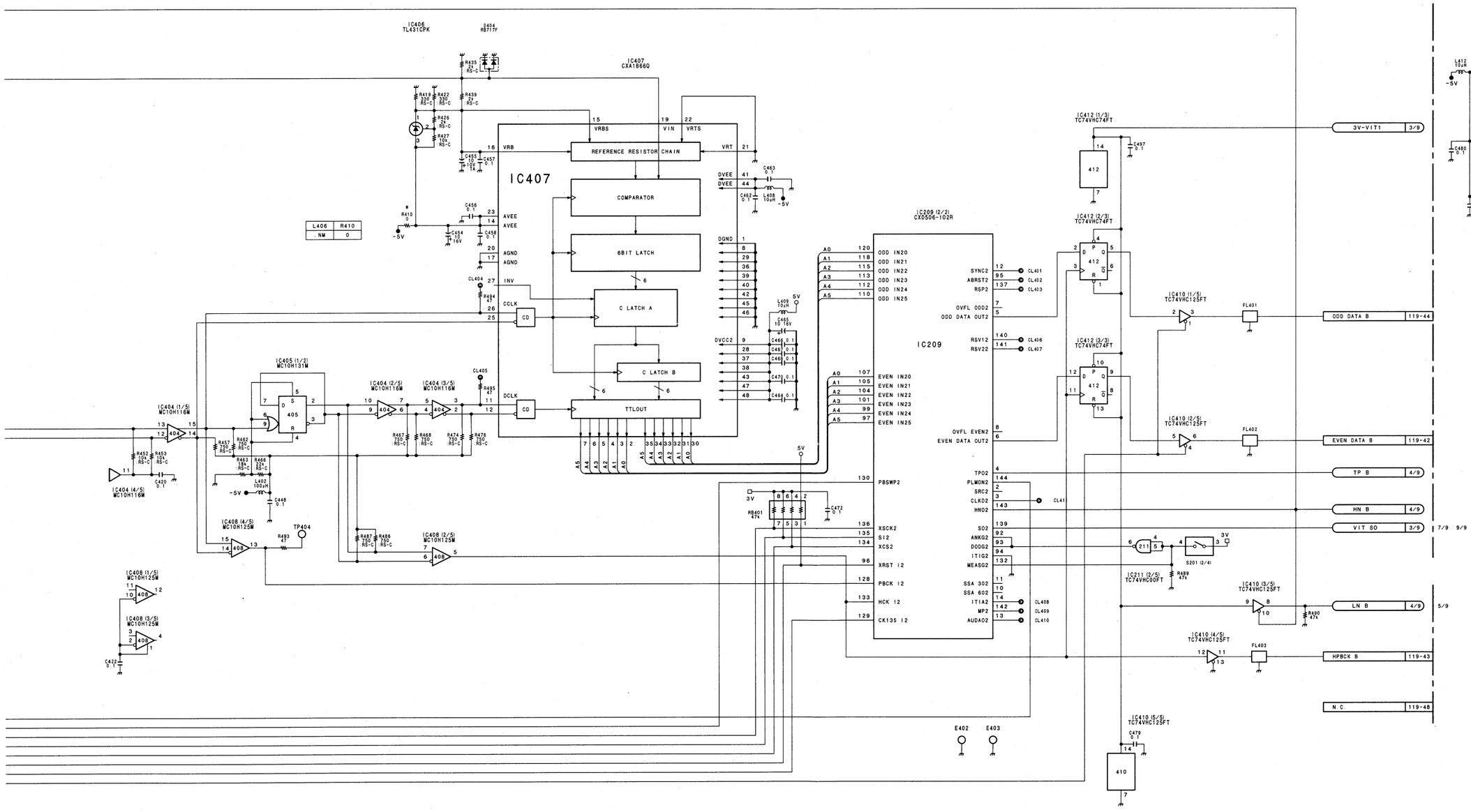


EQ-57 (4/9)
MODEL DSR-85/85P

EQ-57 (5/9) : RF DATA PROCESS

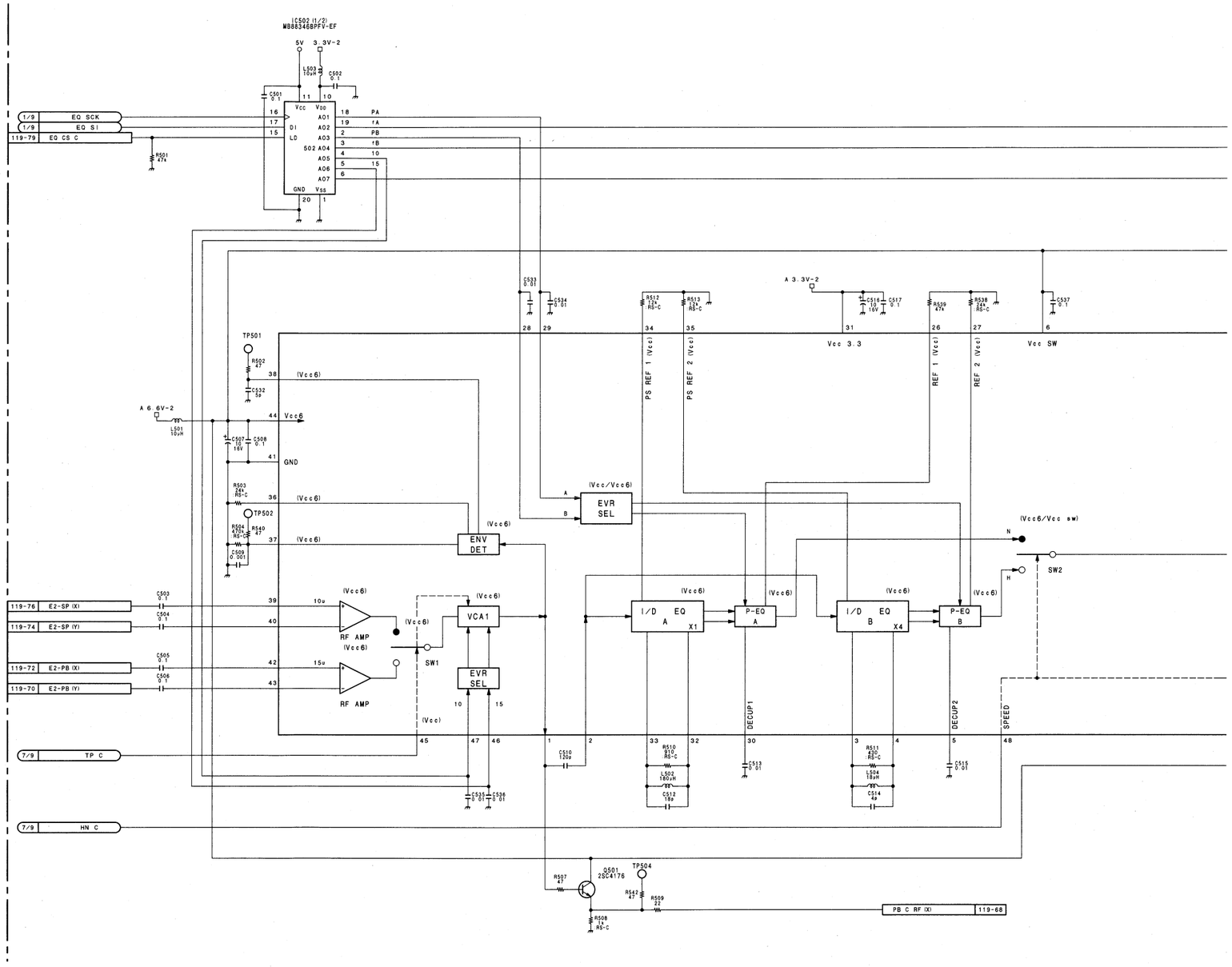


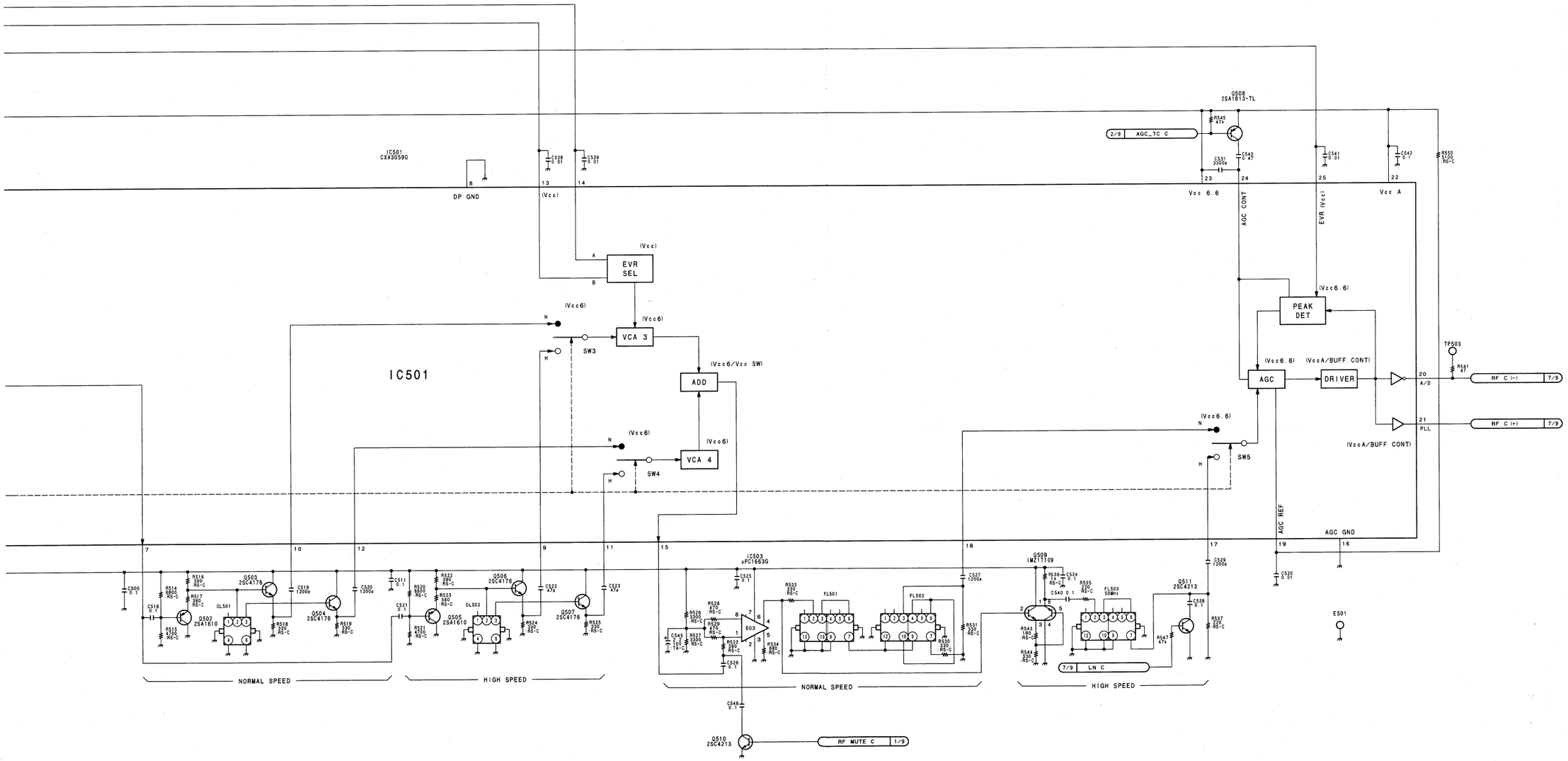
EQ-57 (5/9)



EQ-57 (5/9)
MODEL DSR-85/85P

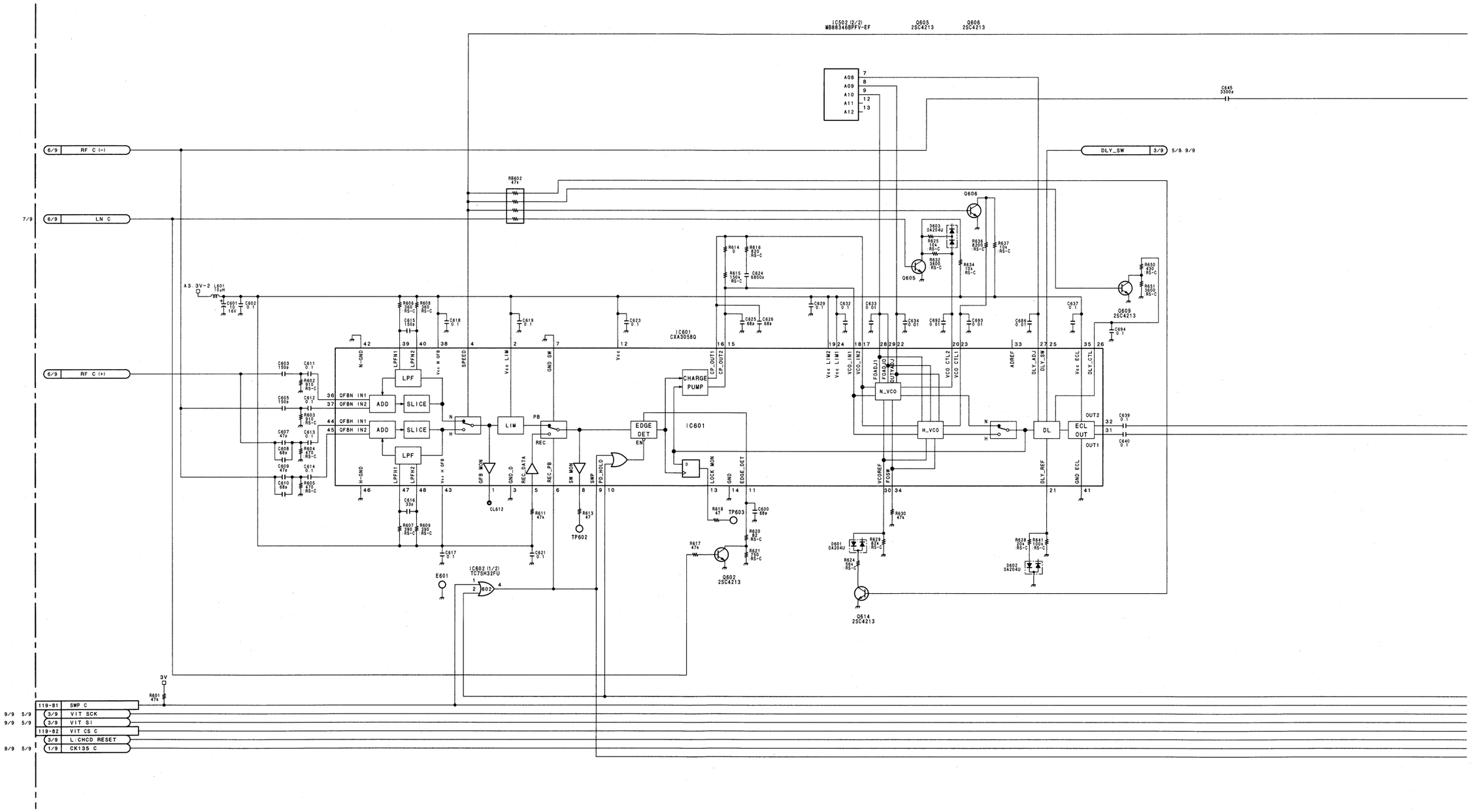
EQ-57 (6/9) : RF DATA PROCESS





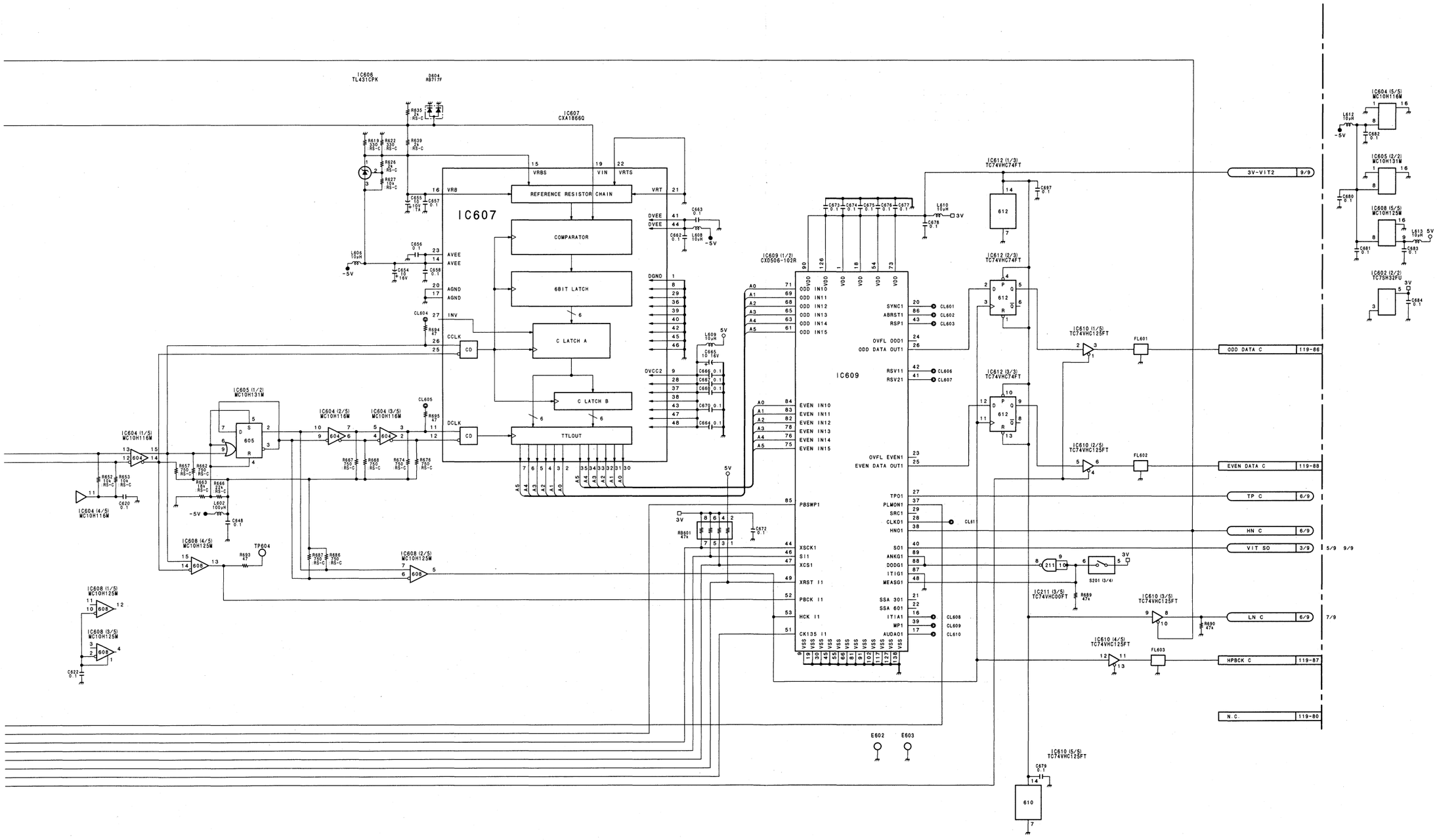
EQ-57 (6/9)
MODEL DSR-85/85P

EQ-57 (7/9) : RF DATA PROCESS



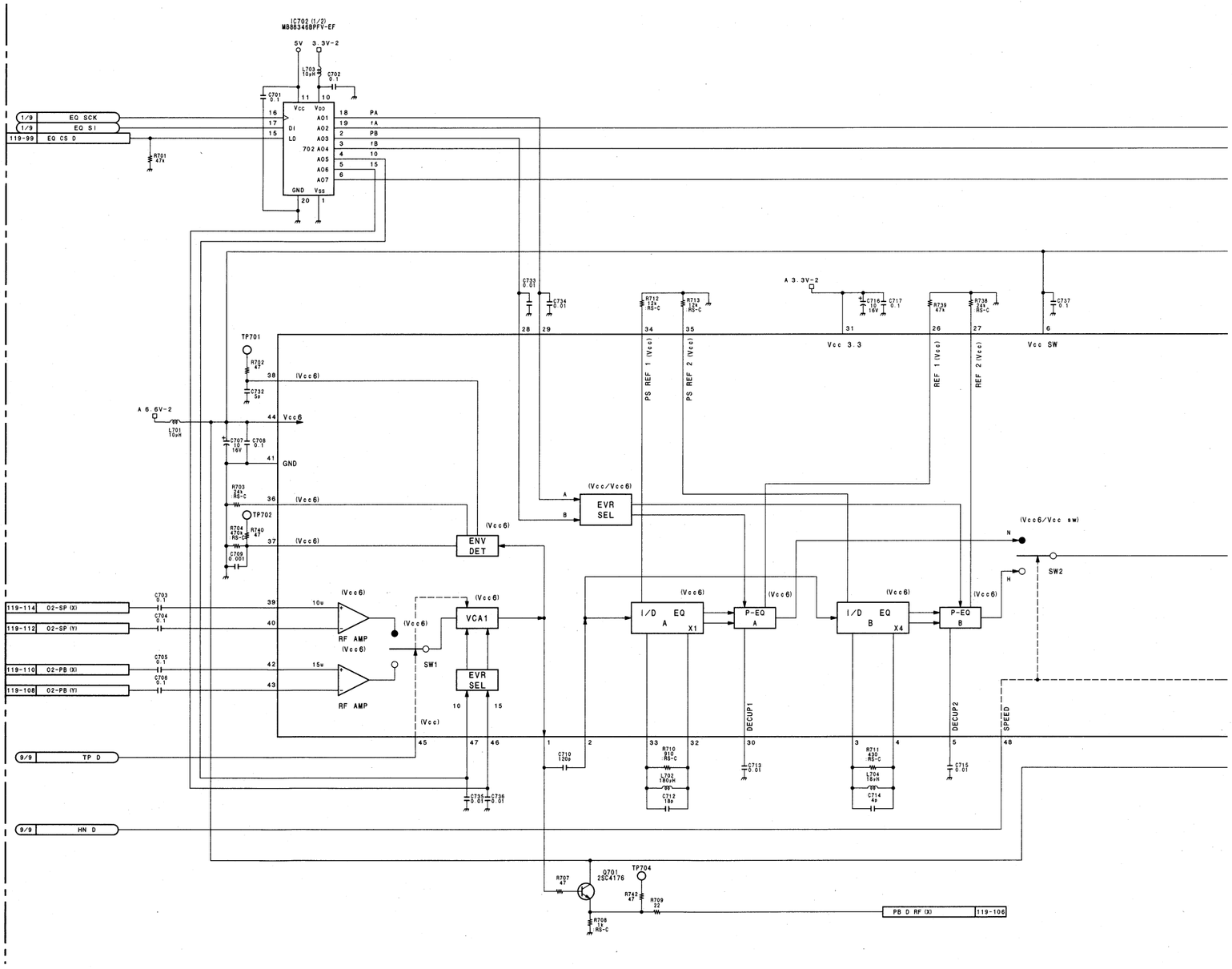
11-92 11-92

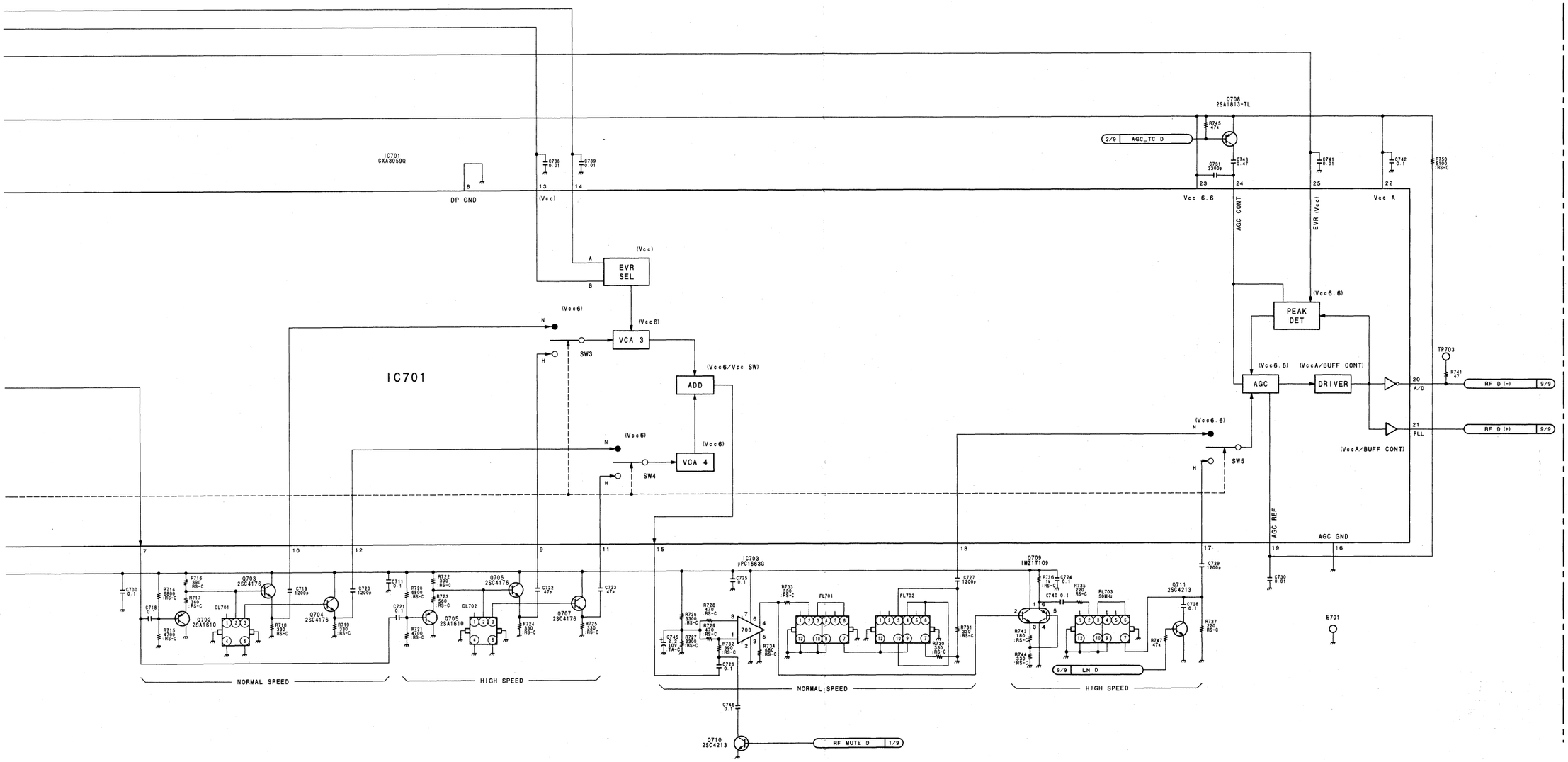
DSR-85/85P



EQ-57 (7/9)
MODEL DSR-85/85P

EQ-57 (8/9) : RF DATA PROCESS



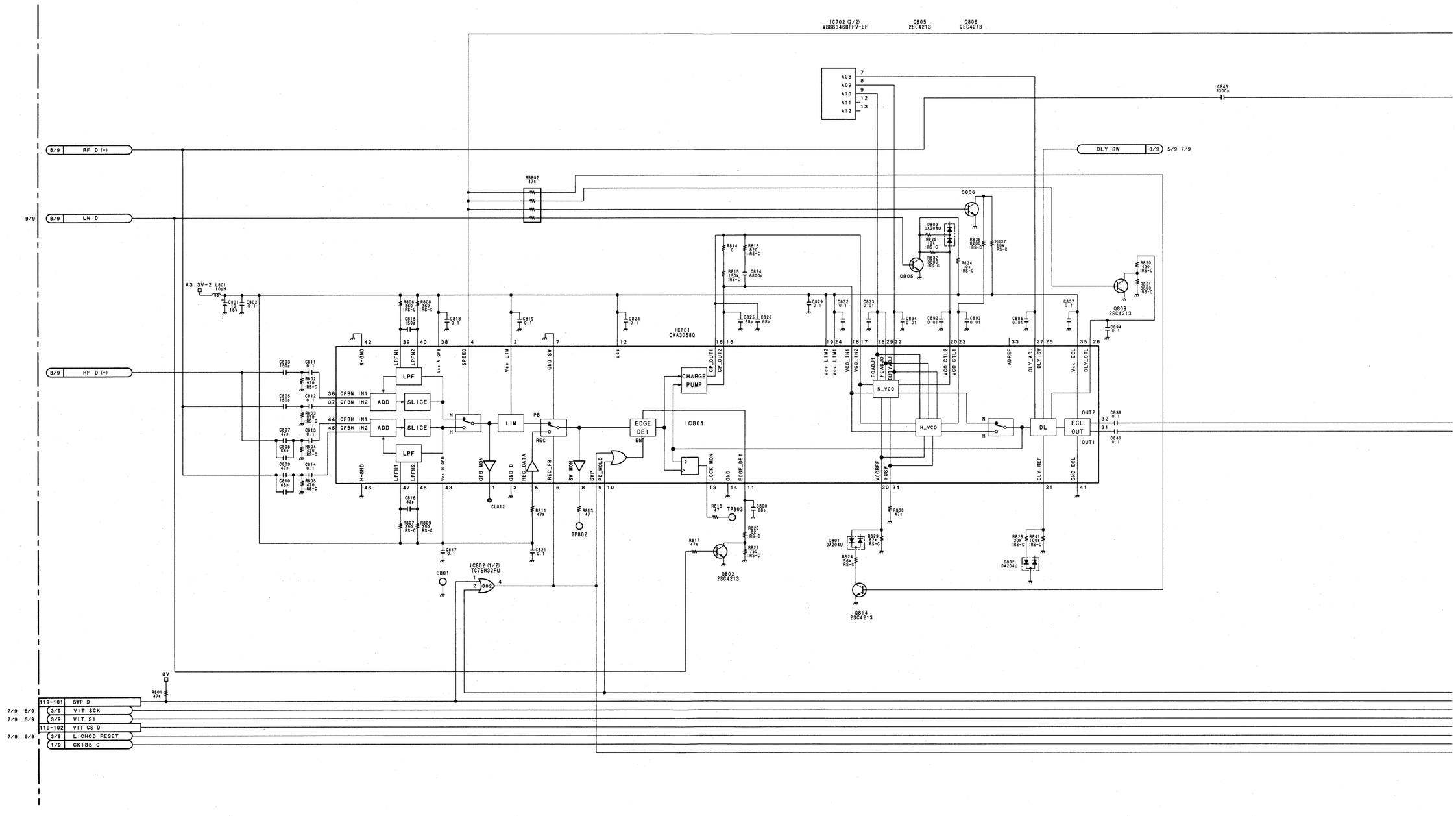


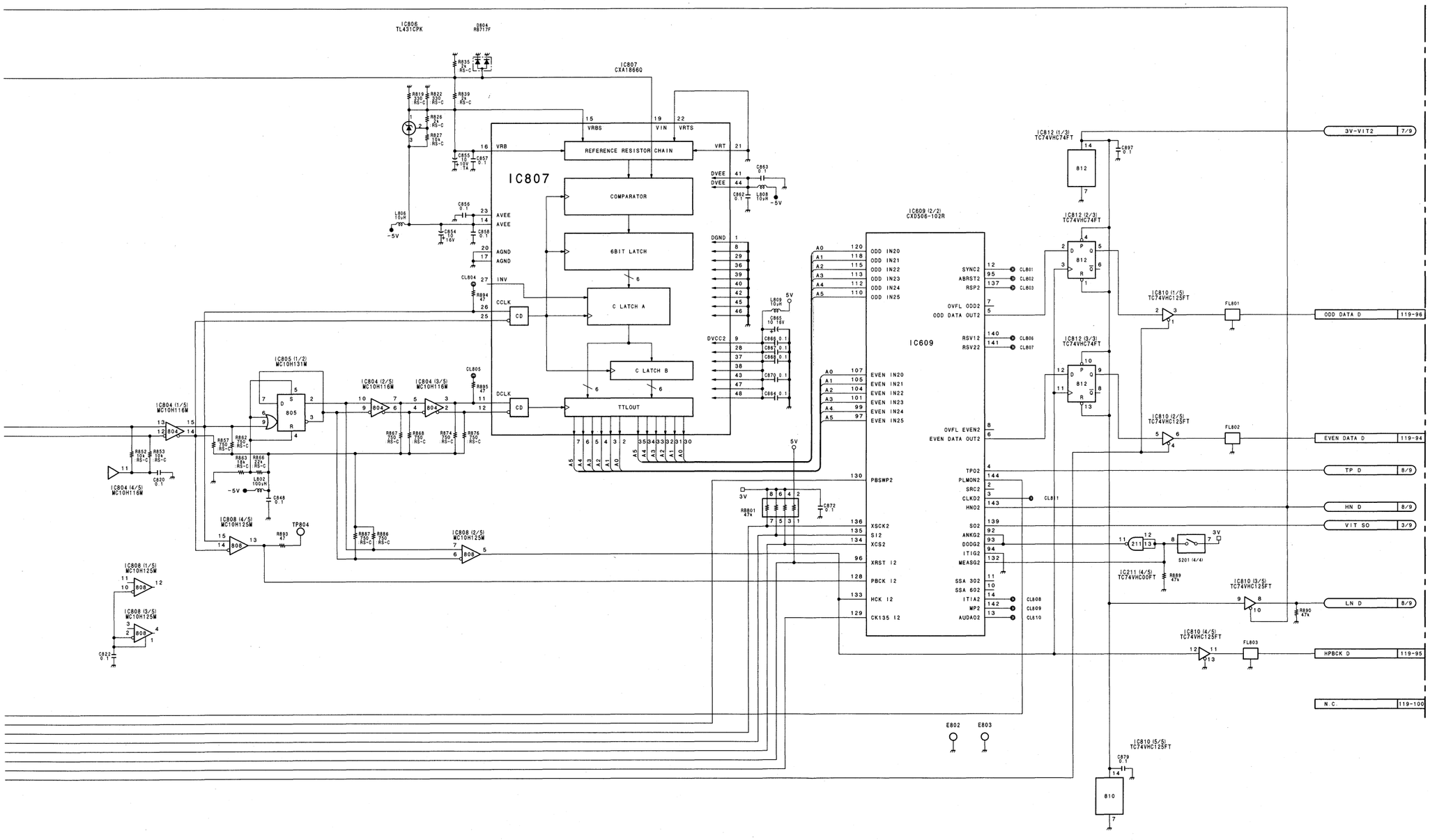
EQ-57 (8/9)
MODEL DSR-85/85P

DSR-85/85P

11-95 11-95

EQ-57 (9/9) : RF DATA PROCESS



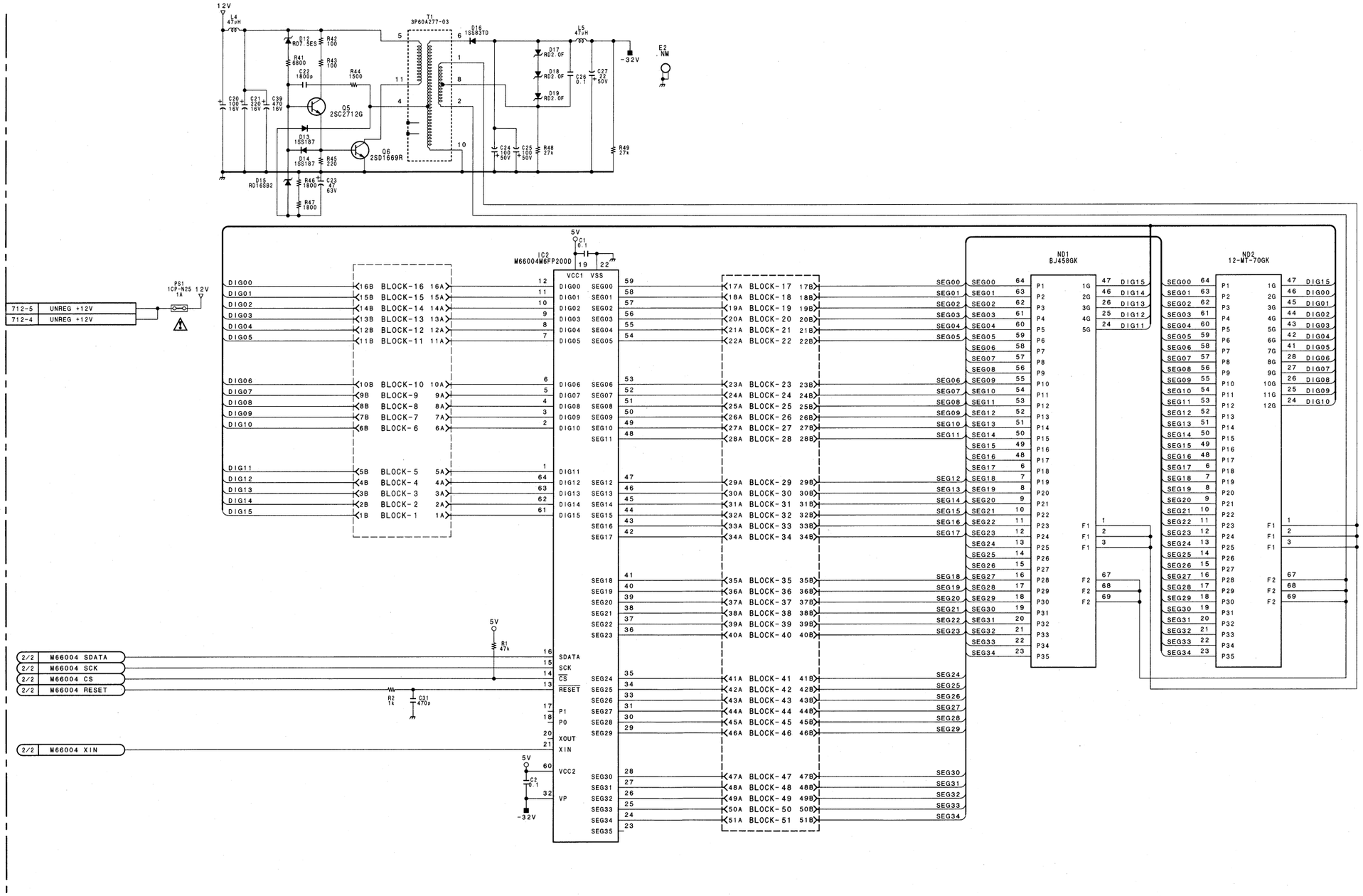


EQ-57 (9/9)
MODEL DSR-85/85P

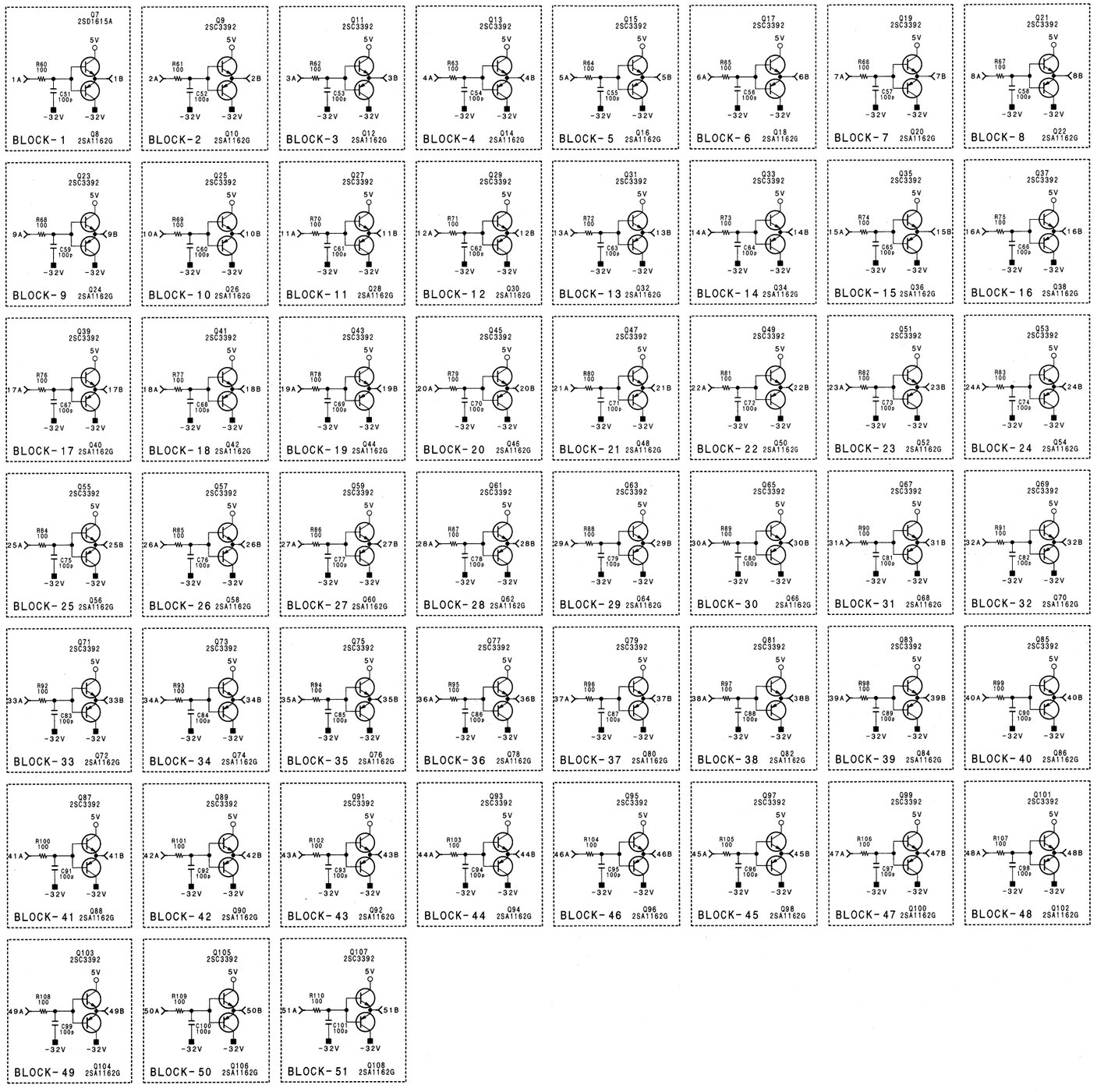
DSR-85/85P

11-97 11-97

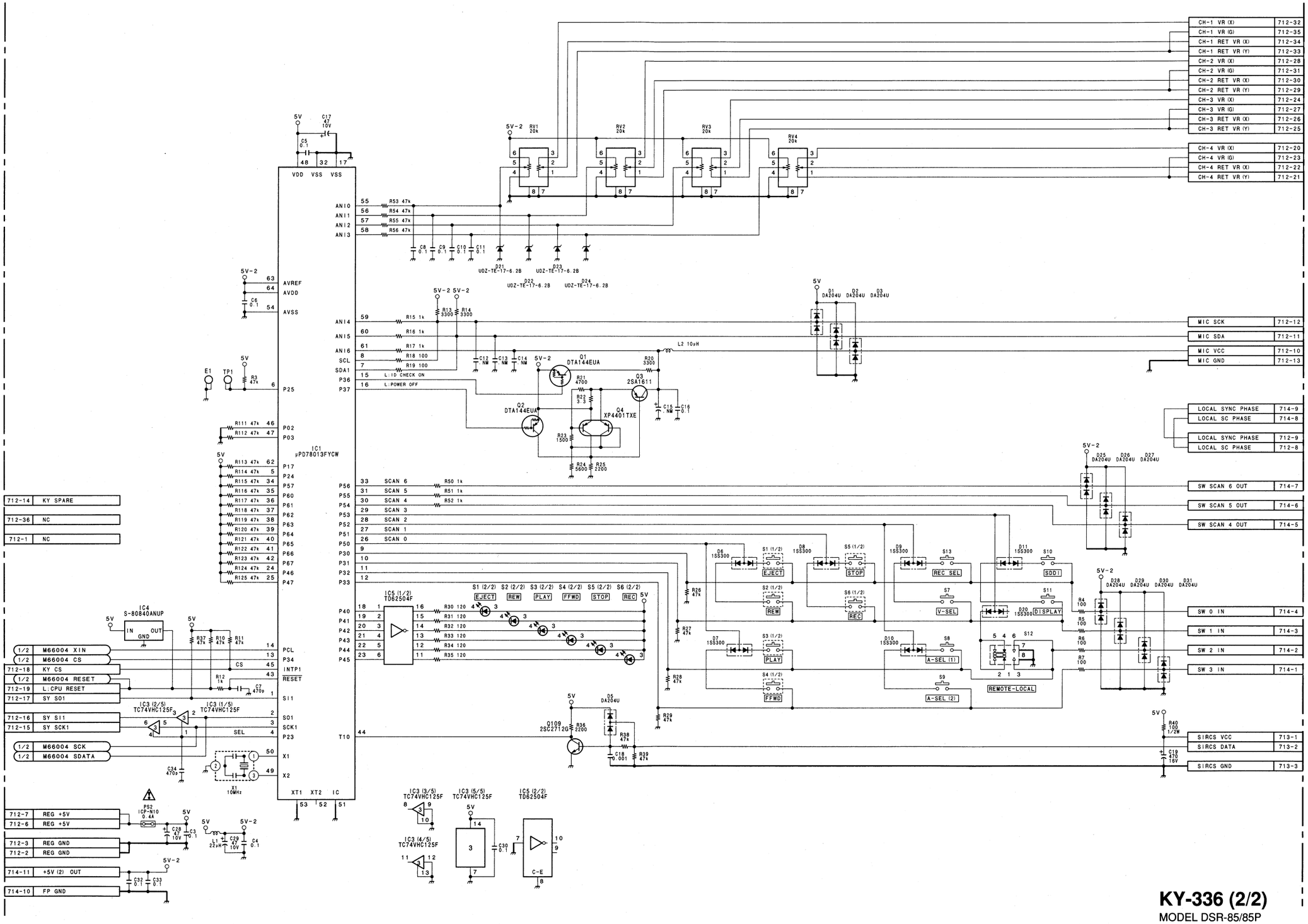
KY-336 (1/2) : KEY BOARD



KY-336 (1/2)

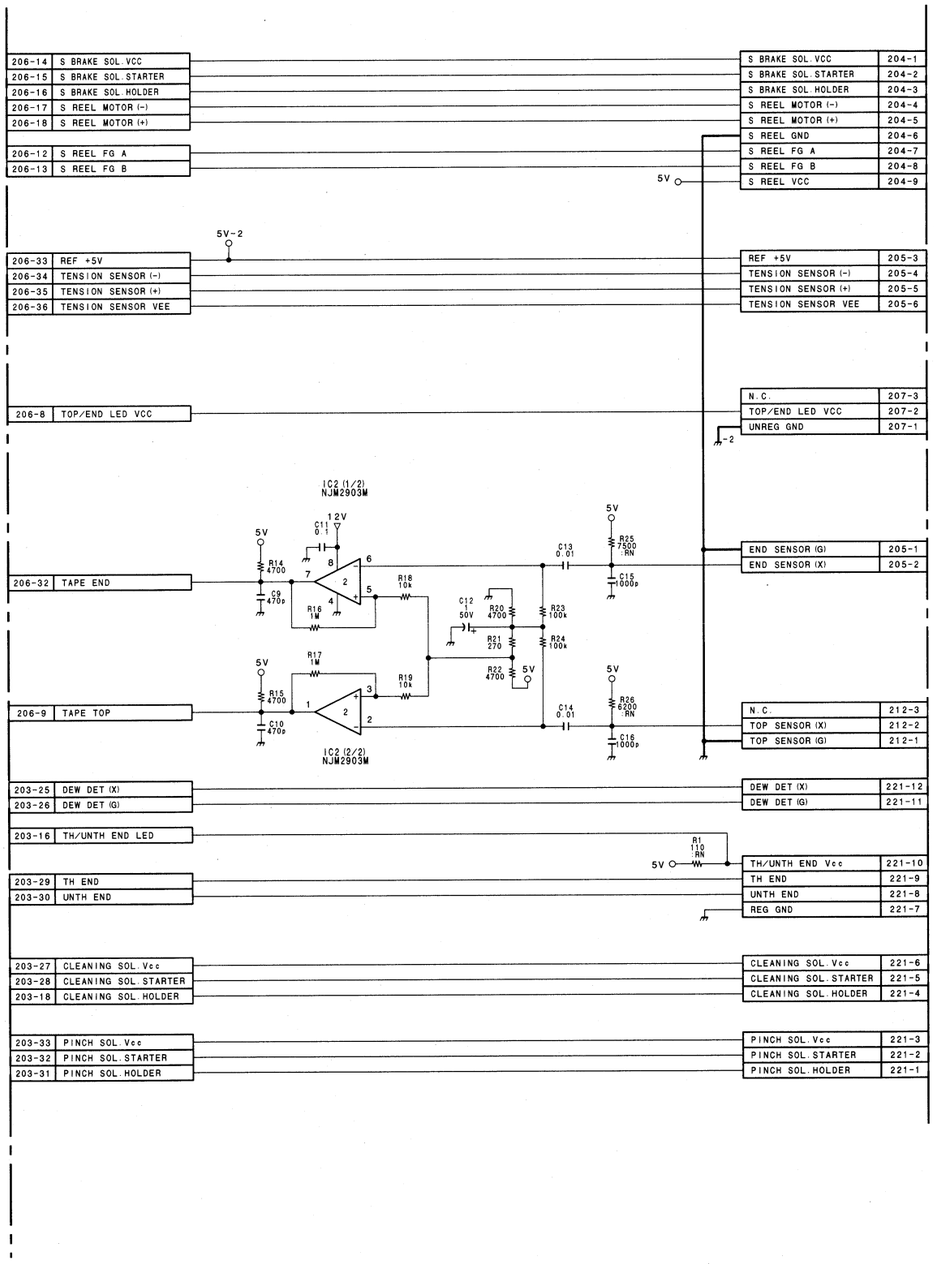

Q7 2SD1615A
R60 100
C51 100p
1A
1B
BLOCK-1 Q8 2SA1162G
Q9 2SC3392
R61 100
C52 100p
2A
2B
BLOCK-2 Q10 2SA1162G
Q11 2SC3392
R62 100
C53 100p
3A
3B
BLOCK-3 Q12 2SA1162G
Q13 2SC3392
R63 100
C54 100p
4A
4B
BLOCK-4 Q14 2SA1162G
Q15 2SC3392
R64 100
C55 100p
5A
5B
BLOCK-5 Q16 2SA1162G
Q17 2SC3392
R65 100
C56 100p
6A
6B
BLOCK-6 Q18 2SA1162G
Q19 2SC3392
R66 100
C57 100p
7A
7B
BLOCK-7 Q20 2SA1162G
Q21 2SC3392
R67 100
C58 100p
8A
8B
BLOCK-8 Q22 2SA1162G
Q23 2SC3392
R68 100
C59 100p
9A
9B
BLOCK-9 Q24 2SA1162G
Q25 2SC3392
R69 100
C60 100p
10A
10B
BLOCK-10 Q26 2SA1162G
Q27 2SC3392
R70 100
C61 100p
11A
11B
BLOCK-11 Q28 2SA1162G
Q29 2SC3392
R71 100
C62 100p
12A
12B
BLOCK-12 Q30 2SA1162G
Q31 2SC3392
R72 100
C63 100p
13A
13B
BLOCK-13 Q32 2SA1162G
Q33 2SC3392
R73 100
C64 100p
14A
14B
BLOCK-14 Q34 2SA1162G
Q35 2SC3392
R74 100
C65 100p
15A
15B
BLOCK-15 Q36 2SA1162G
Q37 2SC3392
R75 100
C66 100p
16A
16B
BLOCK-16 Q38 2SA1162G
Q39 2SC3392
R76 100
C67 100p
17A
17B
BLOCK-17 Q40 2SA1162G
Q41 2SC3392
R77 100
C68 100p
18A
18B
BLOCK-18 Q42 2SA1162G
Q43 2SC3392
R78 100
C69 100p
19A
19B
BLOCK-19 Q44 2SA1162G
Q45 2SC3392
R79 100
C70 100p
20A
20B
BLOCK-20 Q46 2SA1162G
Q47 2SC3392
R80 100
C71 100p
21A
21B
BLOCK-21 Q48 2SA1162G
Q49 2SC3392
R81 100
C72 100p
22A
22B
BLOCK-22 Q50 2SA1162G
Q51 2SC3392
R82 100
C73 100p
23A
23B
BLOCK-23 Q52 2SA1162G
Q53 2SC3392
R83 100
C74 100p
24A
24B
BLOCK-24 Q54 2SA1162G
Q55 2SC3392
R84 100
C75 100p
25A
25B
BLOCK-25 Q56 2SA1162G
Q57 2SC3392
R85 100
C76 100p
26A
26B
BLOCK-26 Q58 2SA1162G
Q59 2SC3392
R86 100
C77 100p
27A
27B
BLOCK-27 Q60 2SA1162G
Q61 2SC3392
R87 100
C78 100p
28A
28B
BLOCK-28 Q62 2SA1162G
Q63 2SC3392
R88 100
C79 100p
29A
29B
BLOCK-29 Q64 2SA1162G
Q65 2SC3392
R89 100
C80 100p
30A
30B
BLOCK-30 Q66 2SA1162G
Q67 2SC3392
R90 100
C81 100p
31A
31B
BLOCK-31 Q68 2SA1162G
Q69 2SC3392
R91 100
C82 100p
32A
32B
BLOCK-32 Q70 2SA1162G
Q71 2SC3392
R92 100
C83 100p
33A
33B
BLOCK-33 Q72 2SA1162G
Q73 2SC3392
R93 100
C84 100p
34A
34B
BLOCK-34 Q74 2SA1162G
Q75 2SC3392
R94 100
C85 100p
35A
35B
BLOCK-35 Q76 2SA1162G
Q77 2SC3392
R95 100
C86 100p
36A
36B
BLOCK-36 Q78 2SA1162G
Q79 2SC3392
R96 100
C87 100p
37A
37B
BLOCK-37 Q80 2SA1162G
Q81 2SC3392
R97 100
C88 100p
38A
38B
BLOCK-38 Q82 2SA1162G
Q83 2SC3392
R98 100
C89 100p
39A
39B
BLOCK-39 Q84 2SA1162G
Q85 2SC3392
R99 100
C90 100p
40A
40B
BLOCK-40 Q86 2SA1162G
Q87 2SC3392
R100 100
C91 100p
41A
41B
BLOCK-41 Q88 2SA1162G
Q89 2SC3392
R101 100
C92 100p
42A
42B
BLOCK-42 Q90 2SA1162G
Q91 2SC3392
R102 100
C93 100p
43A
43B
BLOCK-43 Q92 2SA1162G
Q93 2SC3392
R103 100
C94 100p
44A
44B
BLOCK-44 Q94 2SA1162G
Q95 2SC3392
R104 100
C95 100p
46A
46B
BLOCK-46 Q96 2SA1162G
Q97 2SC3392
R105 100
C96 100p
45A
45B
BLOCK-45 Q98 2SA1162G
Q99 2SC3392
R106 100
C97 100p
47A
47B
BLOCK-47 Q100 2SA1162G
Q101 2SC3392
R107 100
C98 100p
48A
48B
BLOCK-48 Q102 2SA1162G
Q103 2SC3392
R108 100
C99 100p
49A
49B
BLOCK-49 Q104 2SA1162G
Q105 2SC3392
R109 100
C100 100p
50A
50B
BLOCK-50 Q106 2SA1162G
Q107 2SC3392
R110 100
C101 100p
51A
51B
BLOCK-51 Q108 2SA1162G
5V
-32V

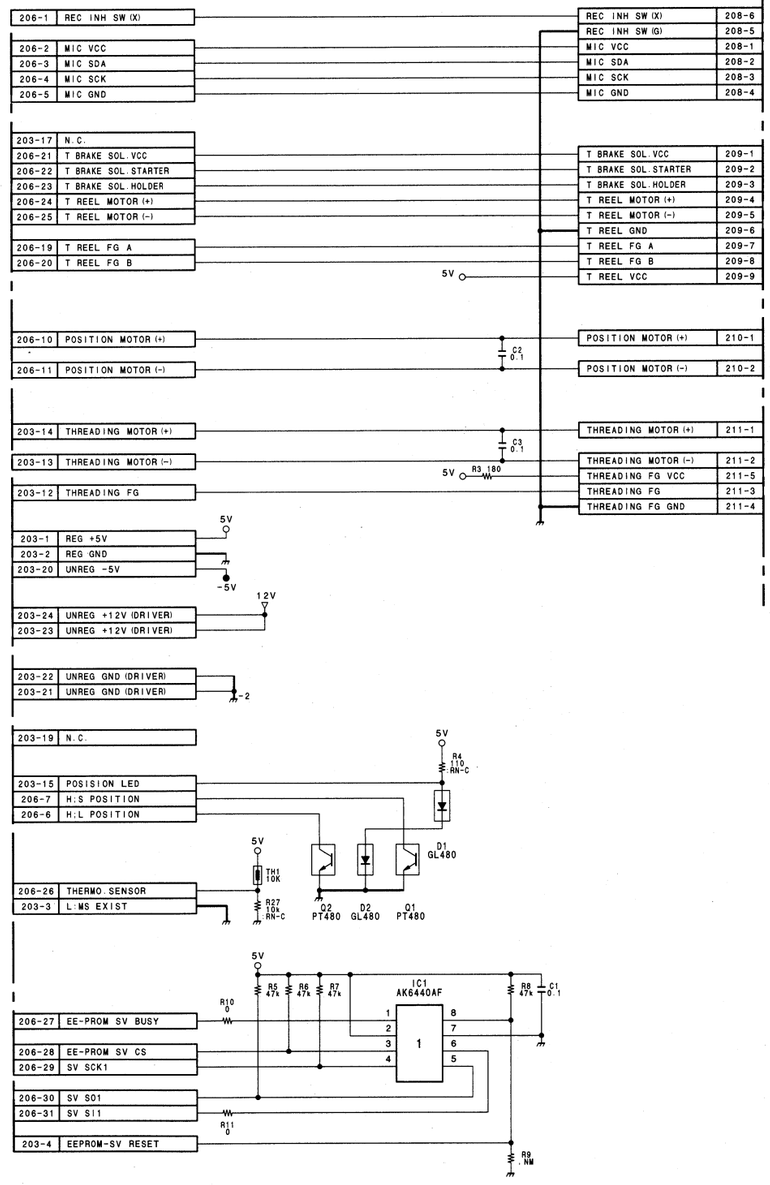
KY-336 (2/2) : KEY BOARD



KY-336 (2/2)
MODEL DSR-85/85P

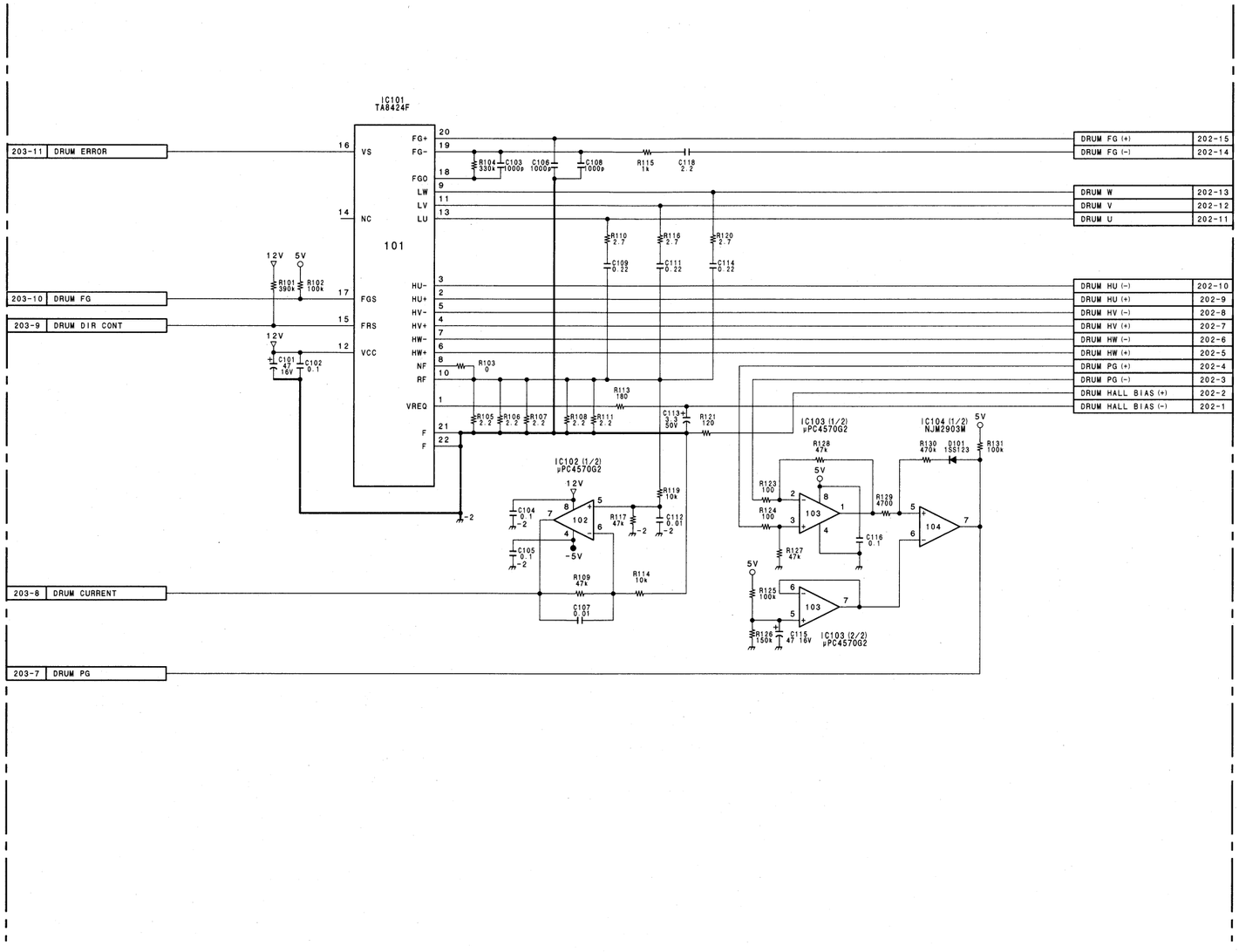
MS-43 (1/2) : DRUM/CAPSTAN DRIVE

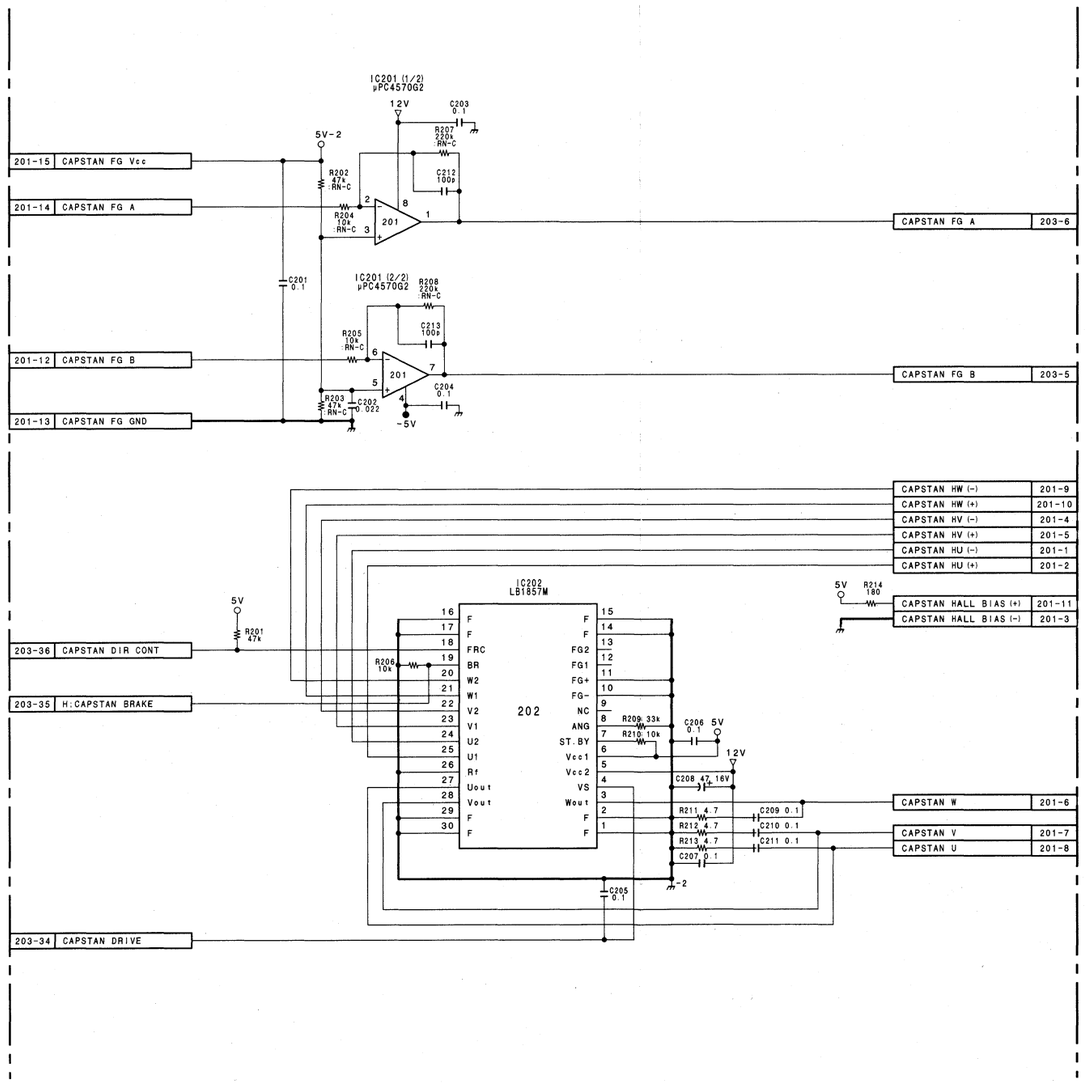




MS-43 (1/2)
MODEL DSR-85/85P

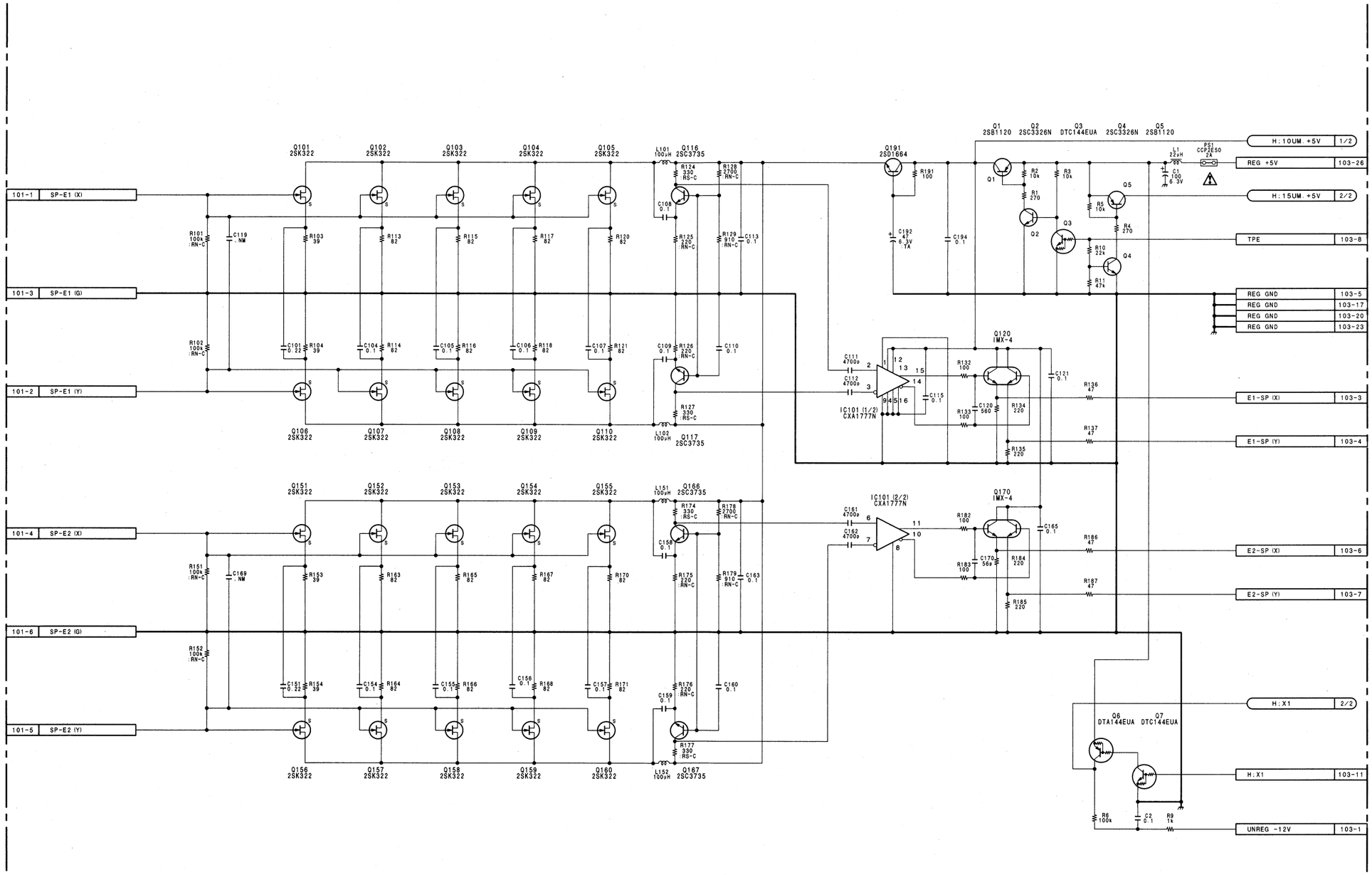
MS-43 (2/2) : DRUM/CAPSTAN DRIVE



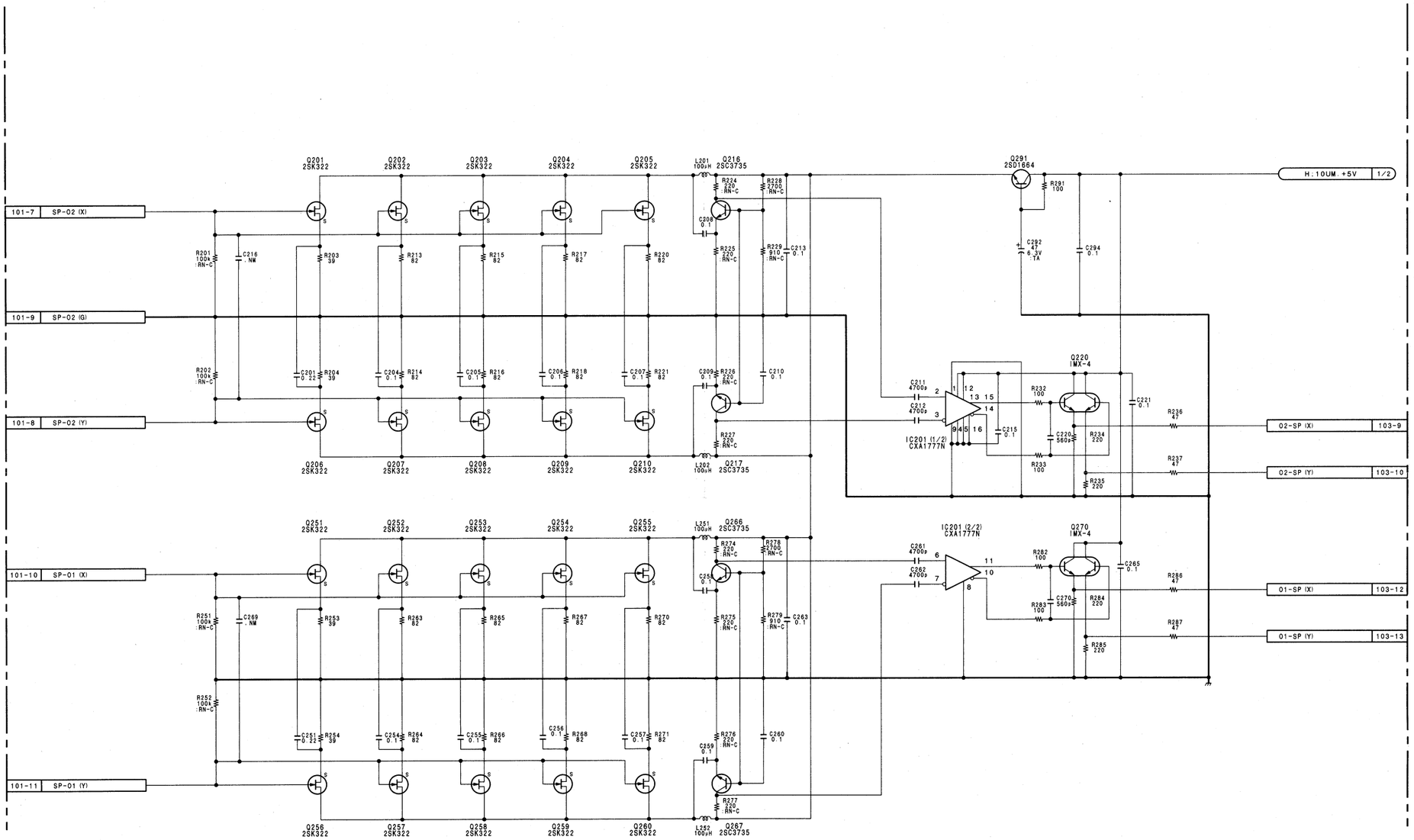


MS-43 (2/2)
MODEL DSR-85/85P

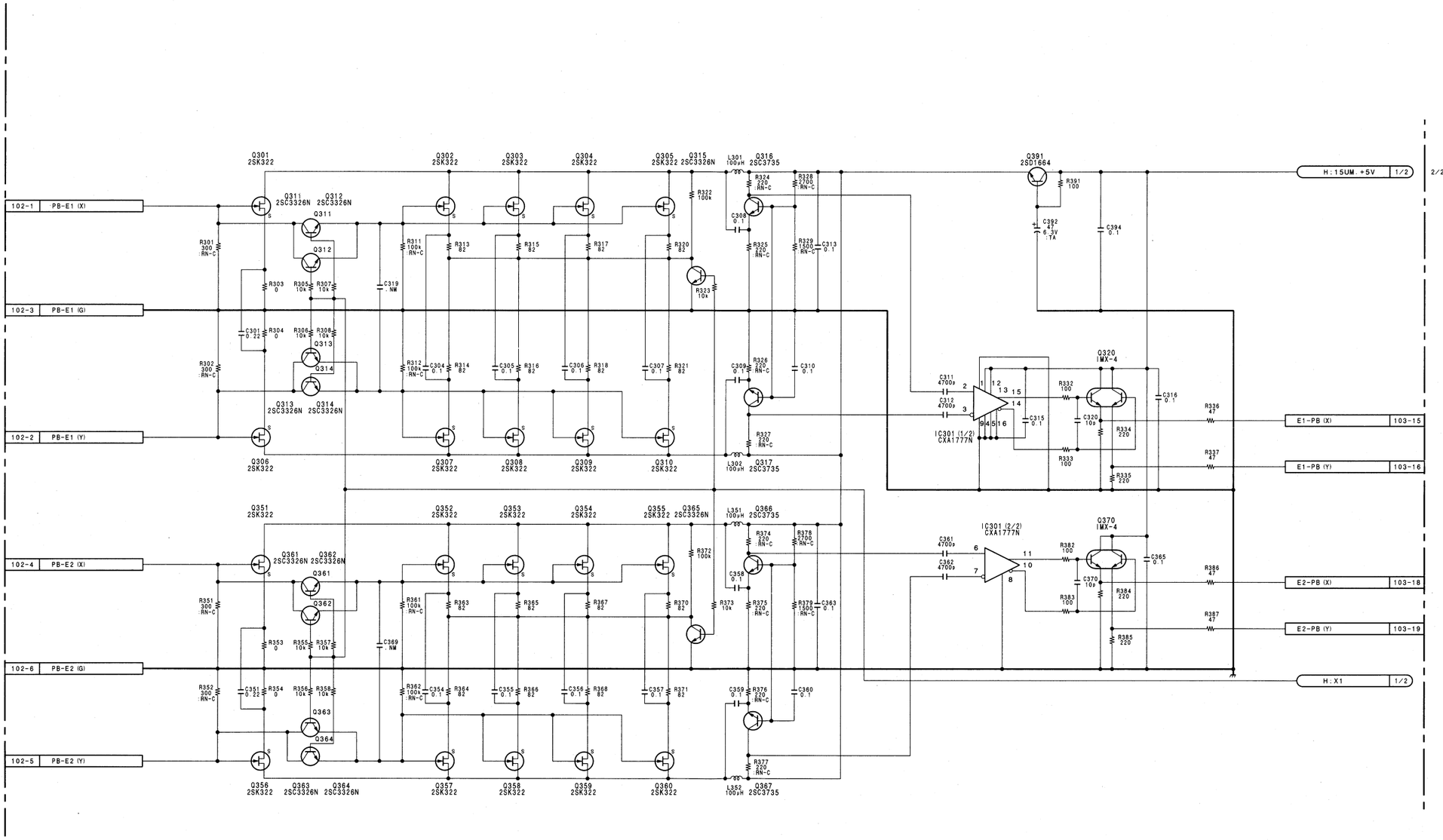
PRE-32 (1/2) : PB HEAD AMP



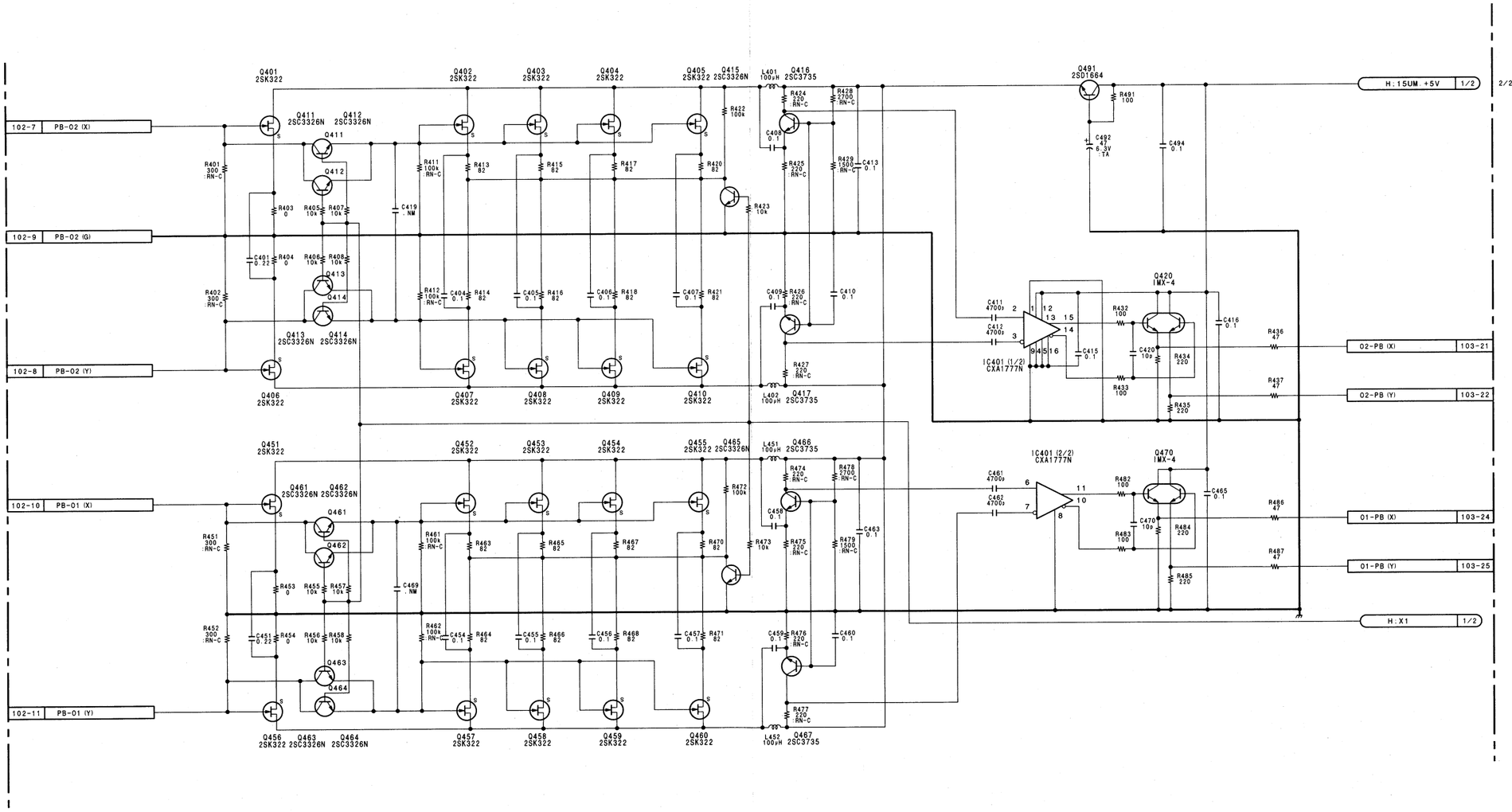
PRE-32 (1/2)


101-7 SP-02 (X)
101-9 SP-02 (G)
101-8 SP-02 (Y)
101-10 SP-01 (X)
101-11 SP-01 (Y)
Q201 2SK322
Q202 2SK322
Q203 2SK322
Q204 2SK322
Q205 2SK322
Q206 2SK322
Q207 2SK322
Q208 2SK322
Q209 2SK322
Q210 2SK322
Q216 2SC3735
Q217 2SC3735
L201 100uH
L202 100uH
Q251 2SK322
Q252 2SK322
Q253 2SK322
Q254 2SK322
Q255 2SK322
Q256 2SK322
Q257 2SK322
Q258 2SK322
Q259 2SK322
Q260 2SK322
Q266 2SC3735
Q267 2SC3735
L251 100uH
L252 100uH
Q291 2SD1664
H:10UM +5V 1/2
IC201 (1/2) CXA1777N
IC201 (2/2) CXA1777N
Q220 IMX-4
Q270 IMX-4
02-SP (X) 103-9
02-SP (Y) 103-10
01-SP (X) 103-12
01-SP (Y) 103-13

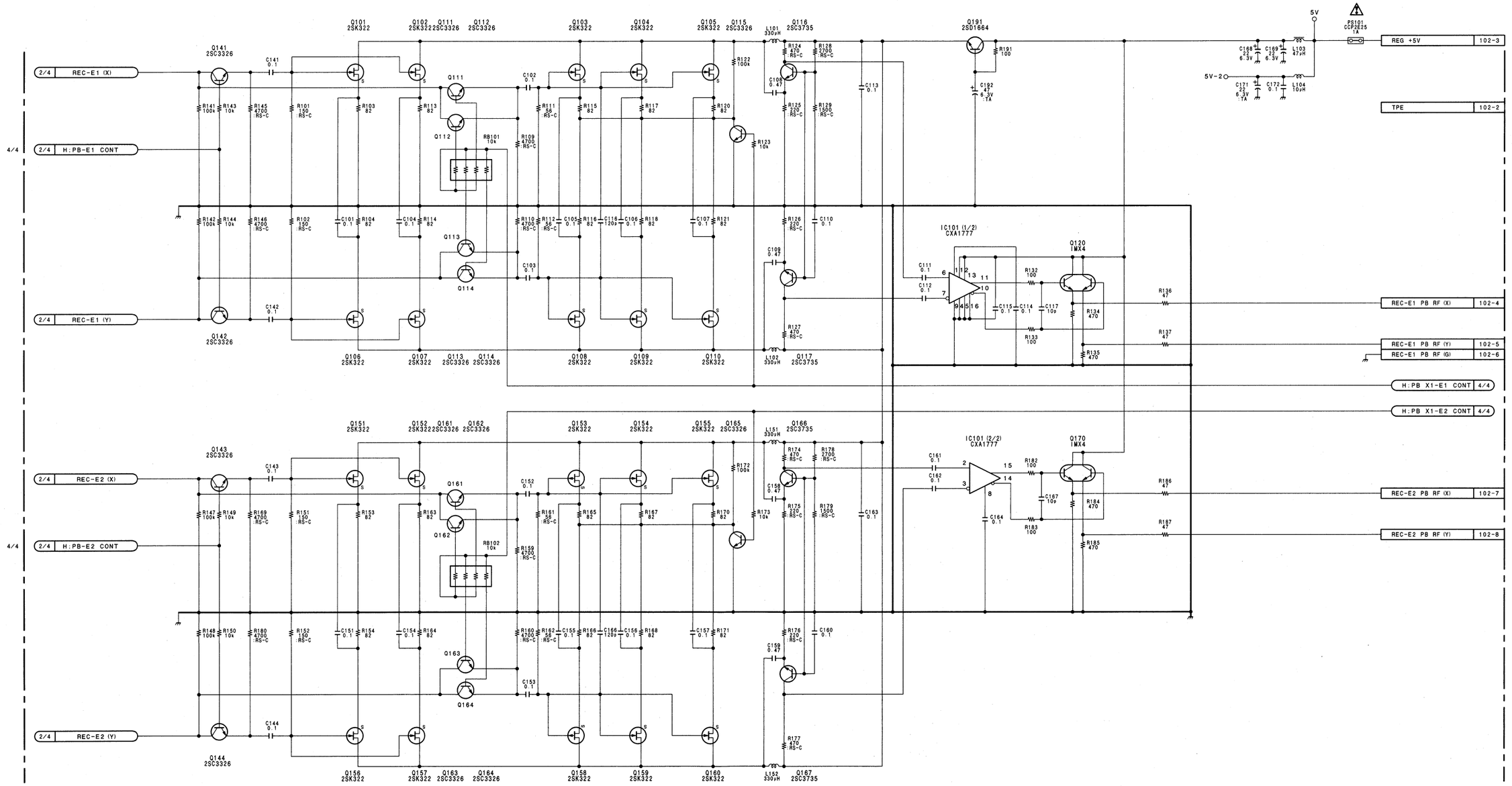
PRE-32 (2/2) : PB HEAD AMP



PRE-32 (2/2)

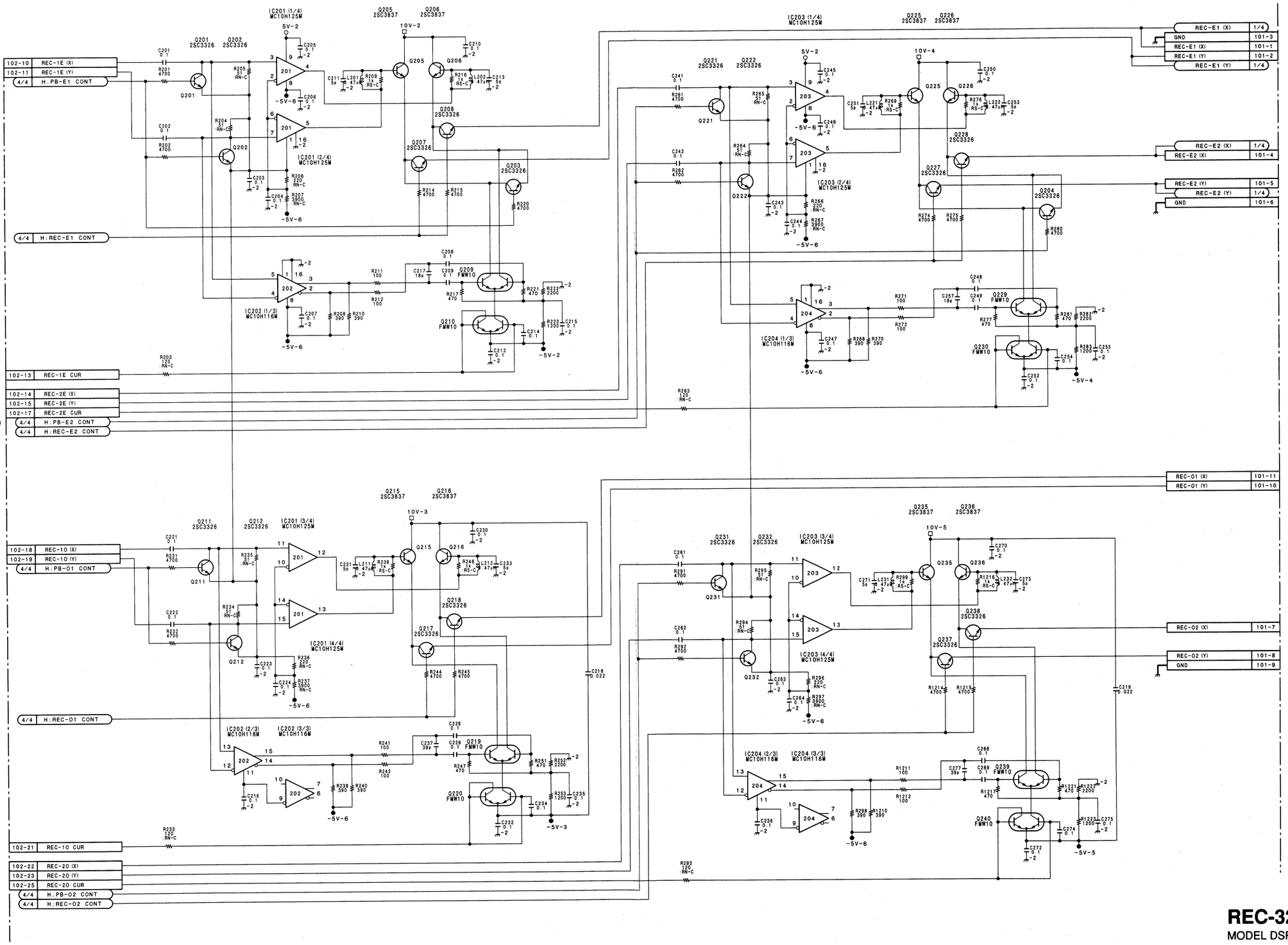

102-7 PB-02 (X)
102-9 PB-02 (G)
102-8 PB-02 (Y)
102-10 PB-01 (X)
102-11 PB-01 (Y)
Q401 2SK322
Q402 2SK322
Q403 2SK322
Q404 2SK322
Q405 2SK322
Q415 2SC3326N
L401 100μH
Q416 2SC3735
Q491 2SD1664
H:15UM +5V
1/2
2/2
Q411 2SC3326N
Q412 2SC3326N
Q413 2SC3326N
Q414 2SC3326N
Q406 2SK322
Q407 2SK322
Q408 2SK322
Q409 2SK322
Q410 2SK322
L402 100μH
Q417 2SC3735
Q420 IMX-4
IC401 (1/2) CXA1777N
02-PB (X)
103-21
02-PB (Y)
103-22
Q451 2SK322
Q452 2SK322
Q453 2SK322
Q454 2SK322
Q455 2SK322
Q465 2SC3326N
L451 100μH
Q466 2SC3735
Q461 2SC3326N
Q462 2SC3326N
Q463 2SC3326N
Q464 2SC3326N
Q456 2SK322
Q457 2SK322
Q458 2SK322
Q459 2SK322
Q460 2SK322
L452 100μH
Q467 2SC3735
IC401 (2/2) CXA1777N
Q470 IMX-4
01-PB (X)
103-24
01-PB (Y)
103-25
H:X1
1/2

REC-32 (1/4) : RF REC AMP, FE DRIVE



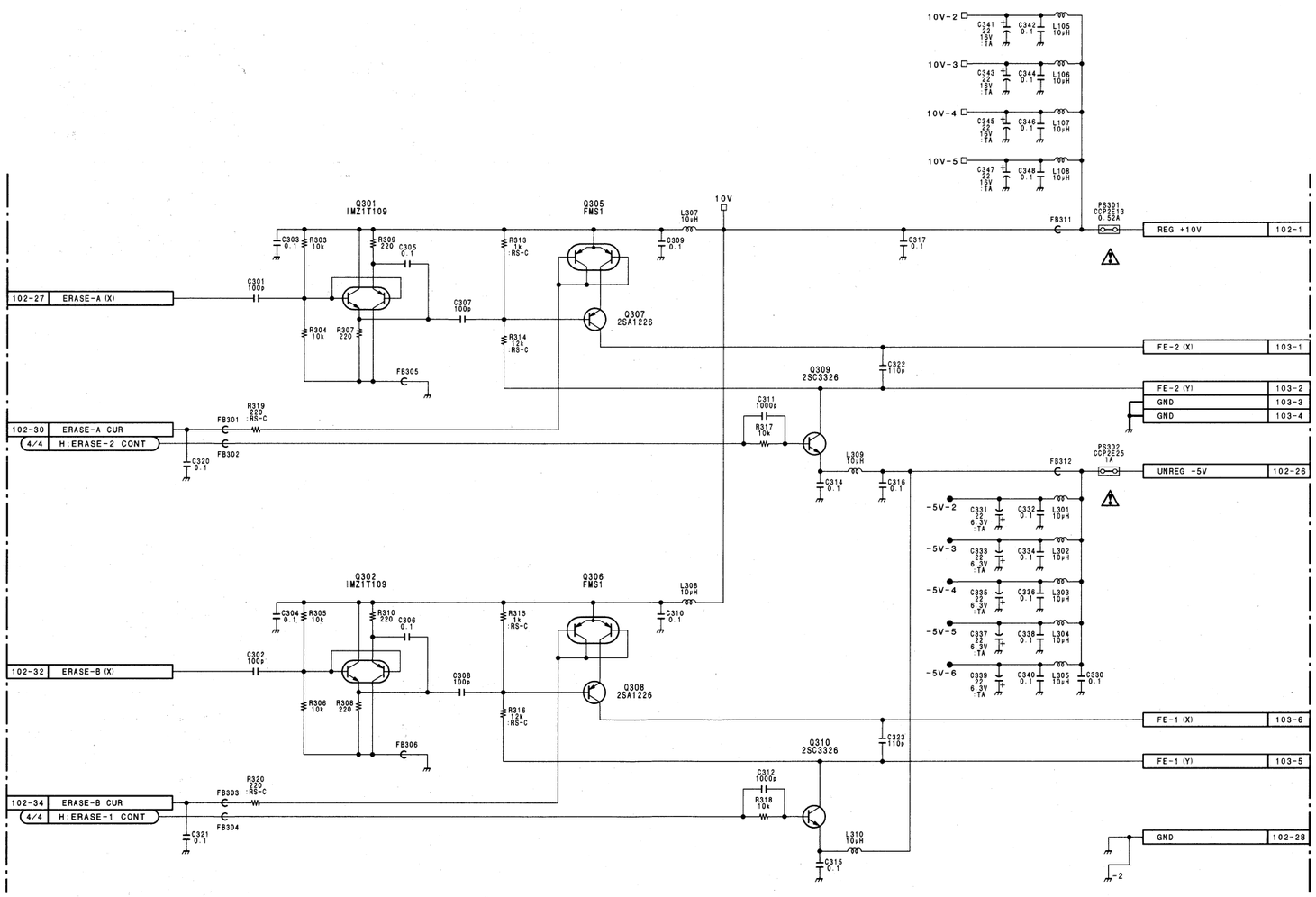
REC-32 (1/4)
MODEL DSR-85/85P

REC-32 (2/4) : RF REC AMP, FE DRIVE



REC-32 (2/4)
MODEL DSR-85/85P

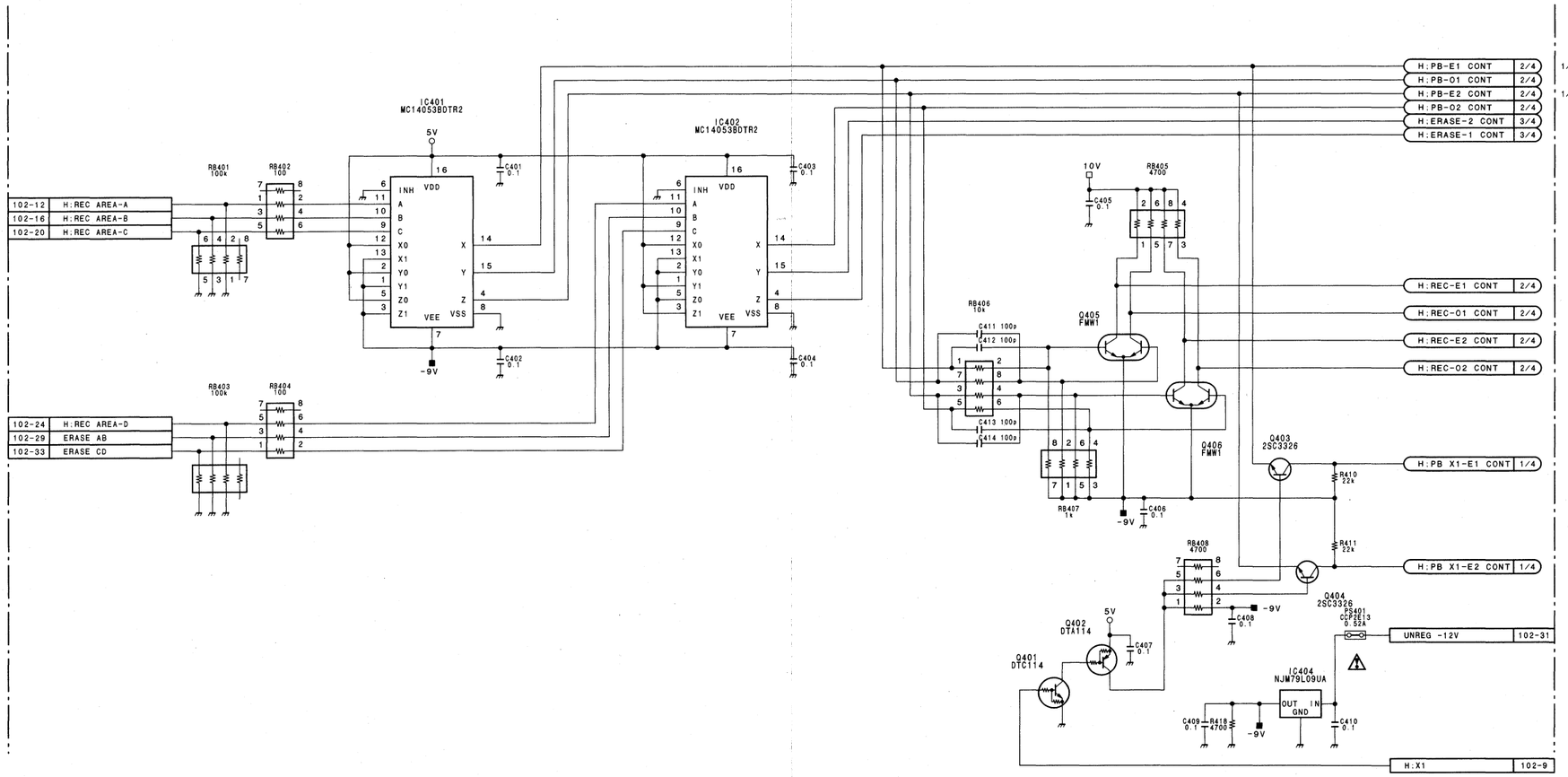
REC-32 (3/4) : RF REC AMP, FE DRIVE



REC-32 (3/4)
MODEL DSR-85/85P

DSR-85/85P

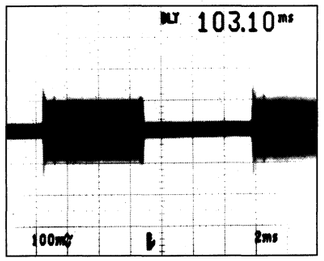
REC-32 (4/4) : RF REC AMP, FE DRIVE



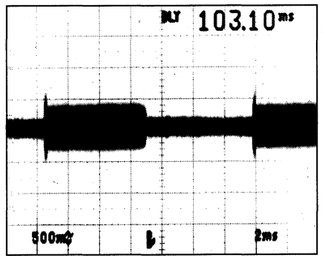
RP-90 (1/6) : RF REC/PB PROCESS

RP-90 (2/6)

① TP204 MODE: PB

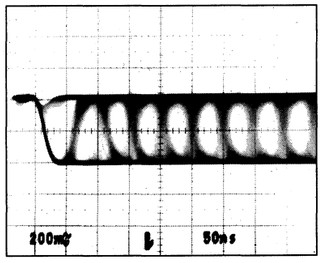


② TP203 MODE: PB

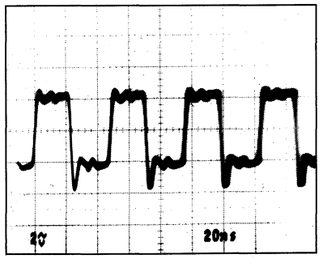


RP-90 (3/6)

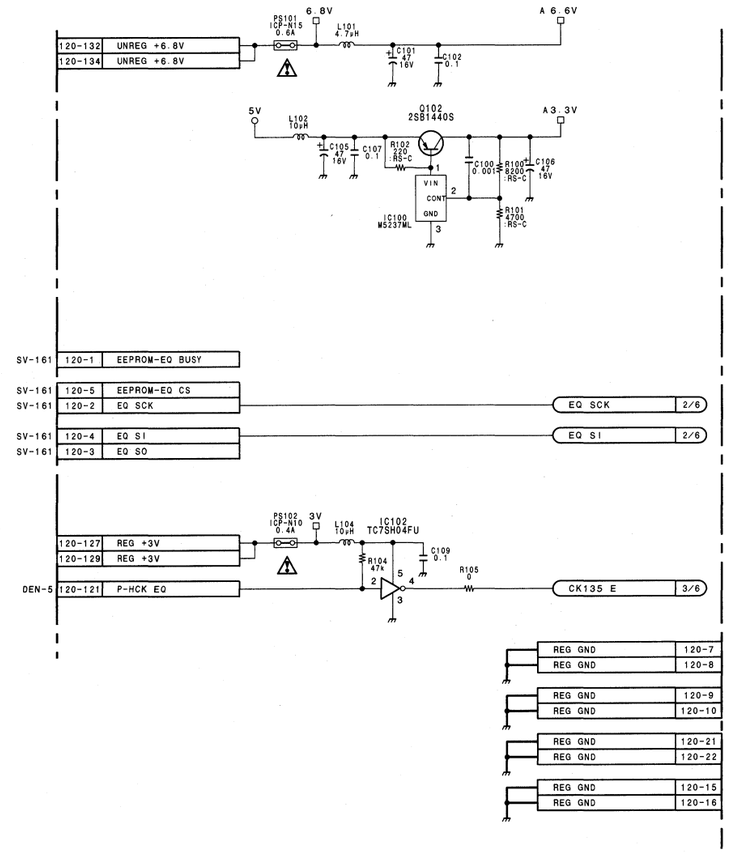
① TP302 MODE: PB



② TP304 MODE: PB

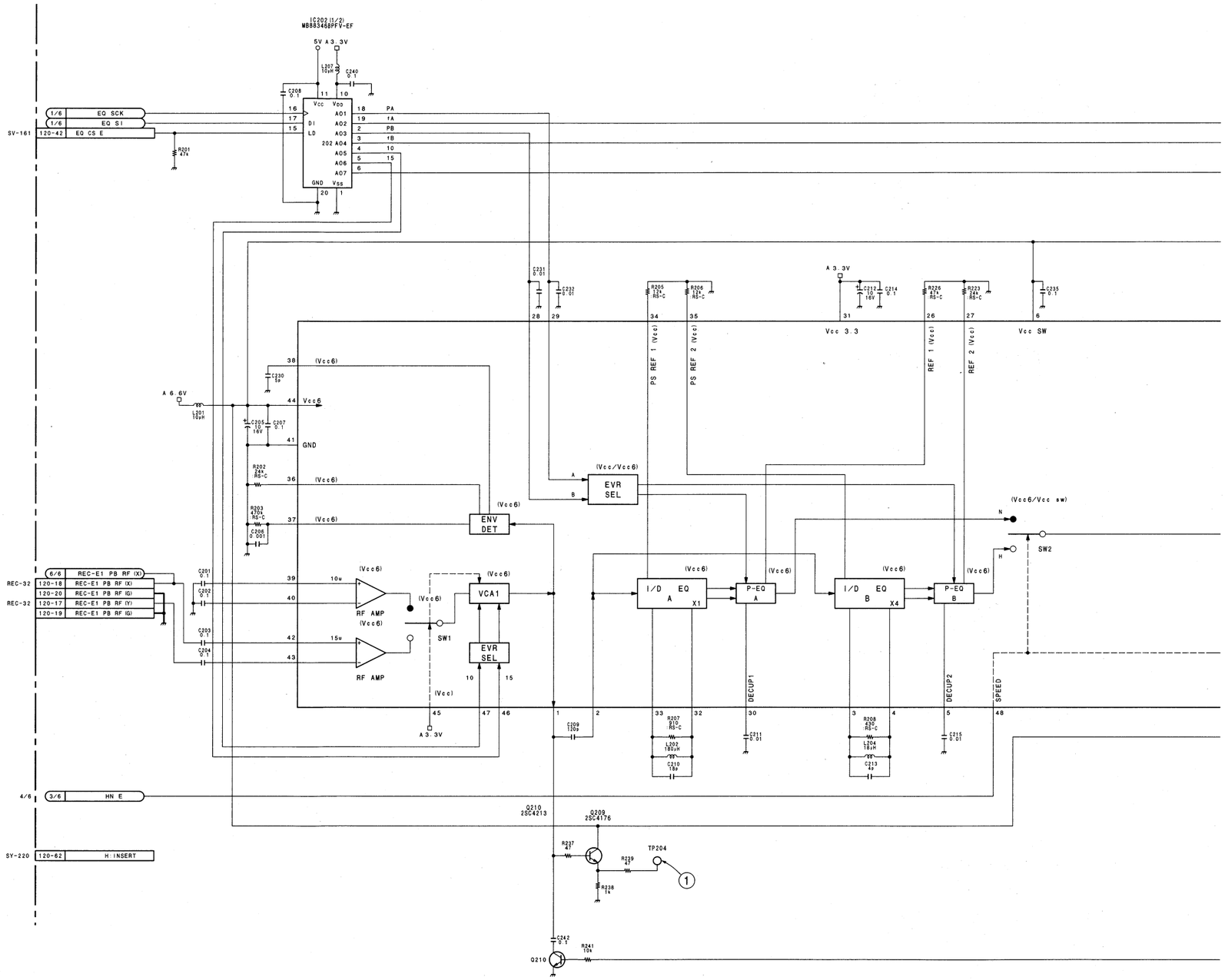


RP-90 (1/6)

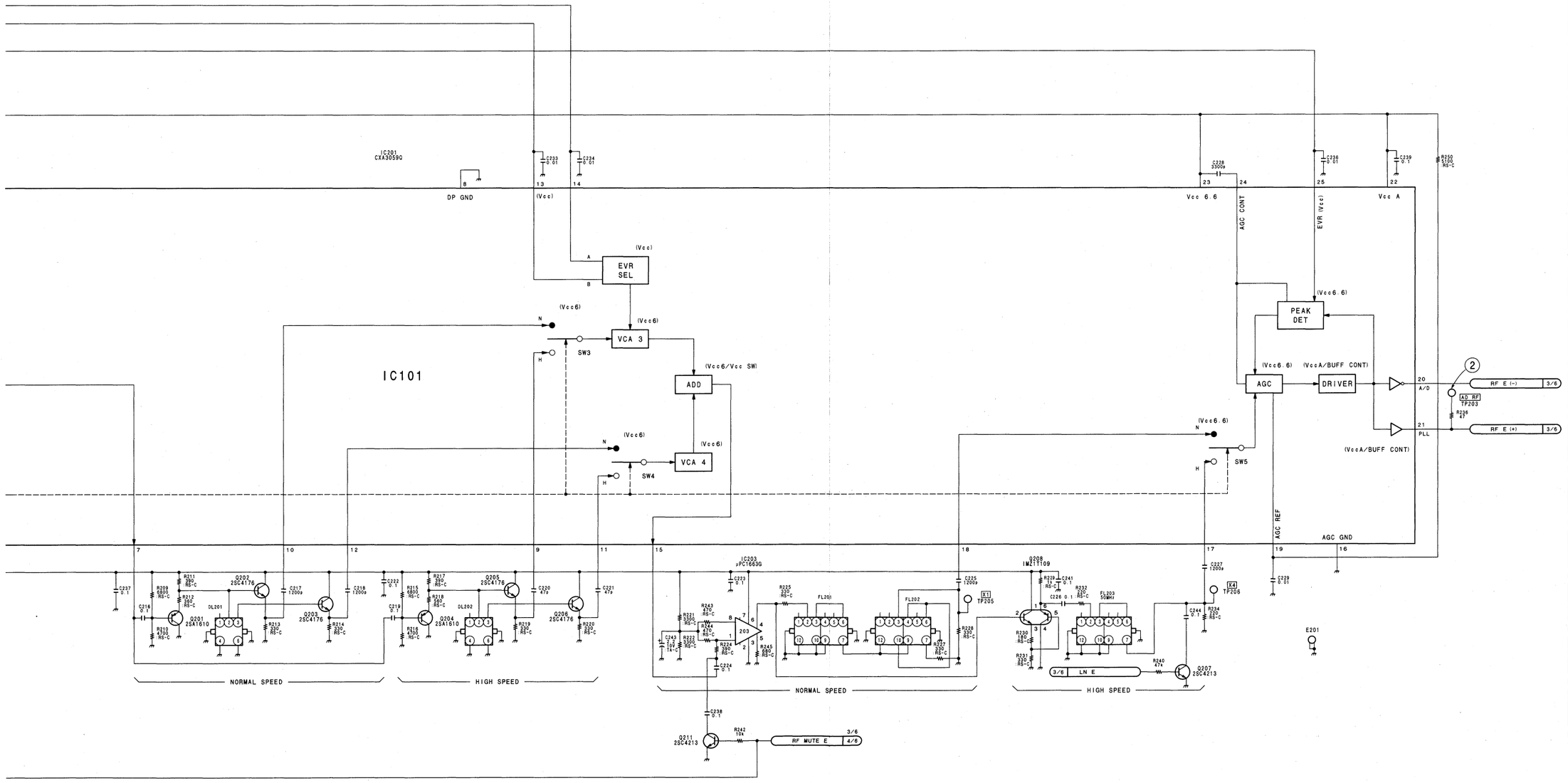


RP-90 (1/6)
MODEL DSR-85/85P

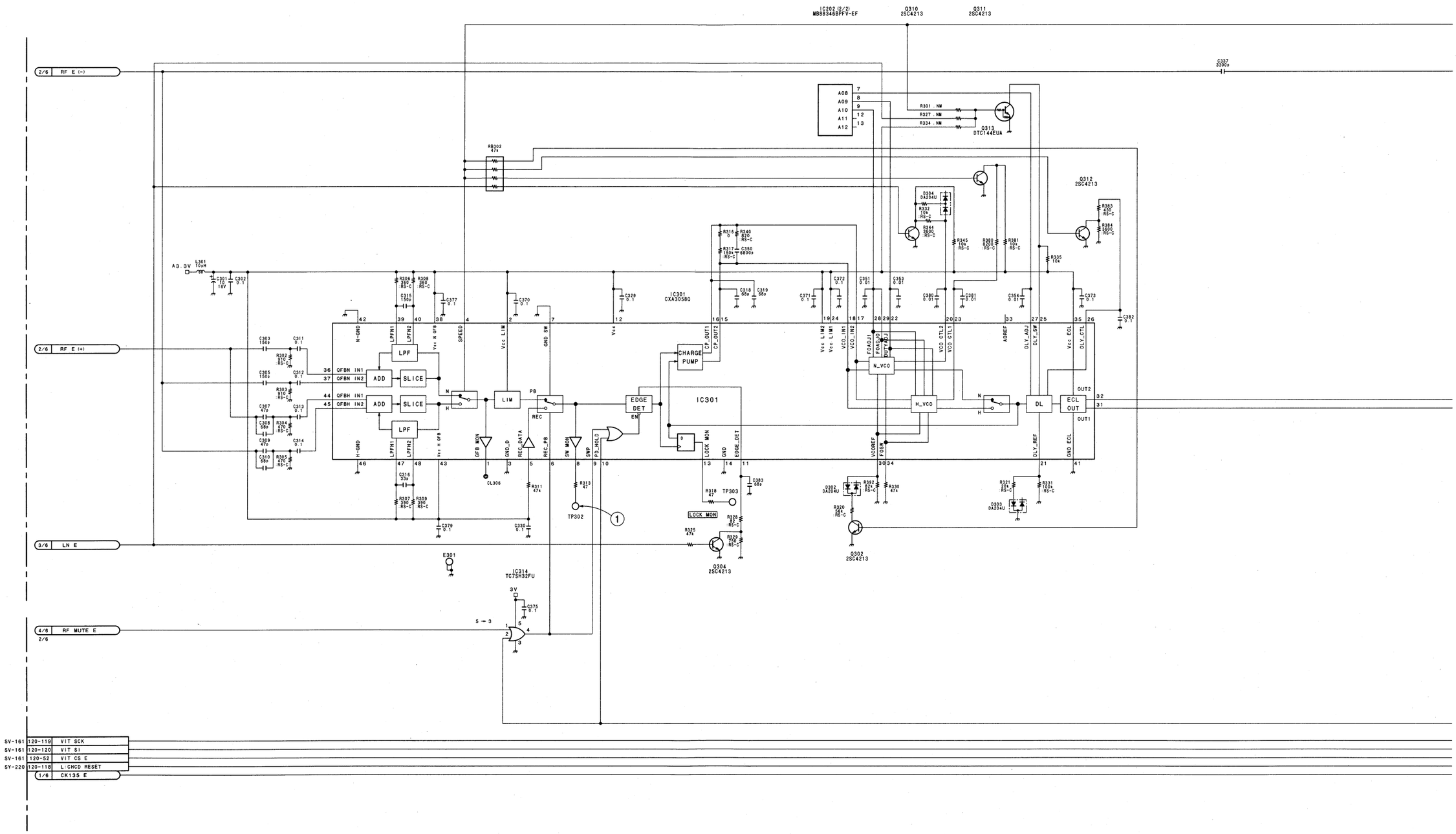
RP-90 (2/6) : RF REC/PB PROCESS

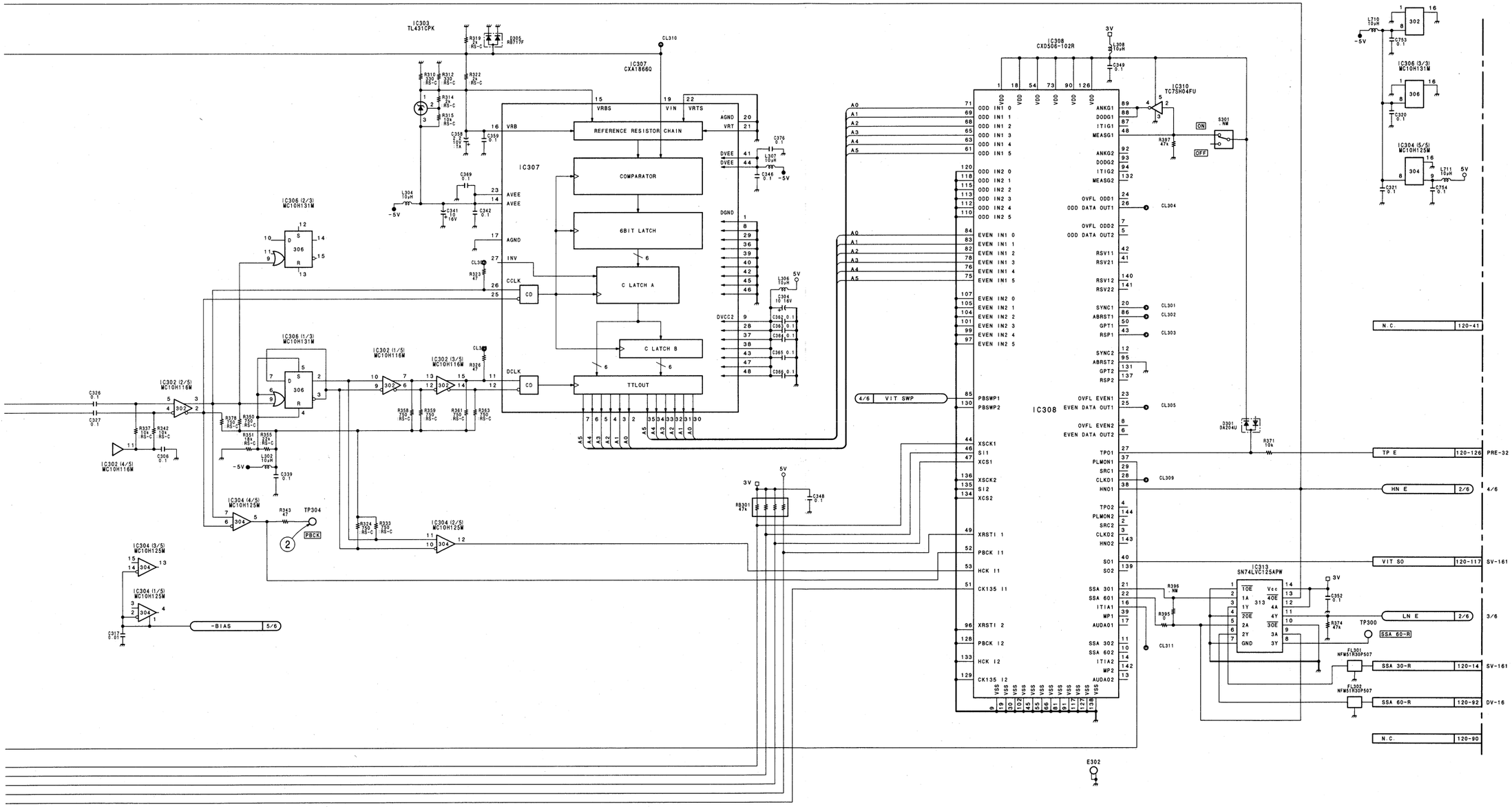


RP-90 (2/6)

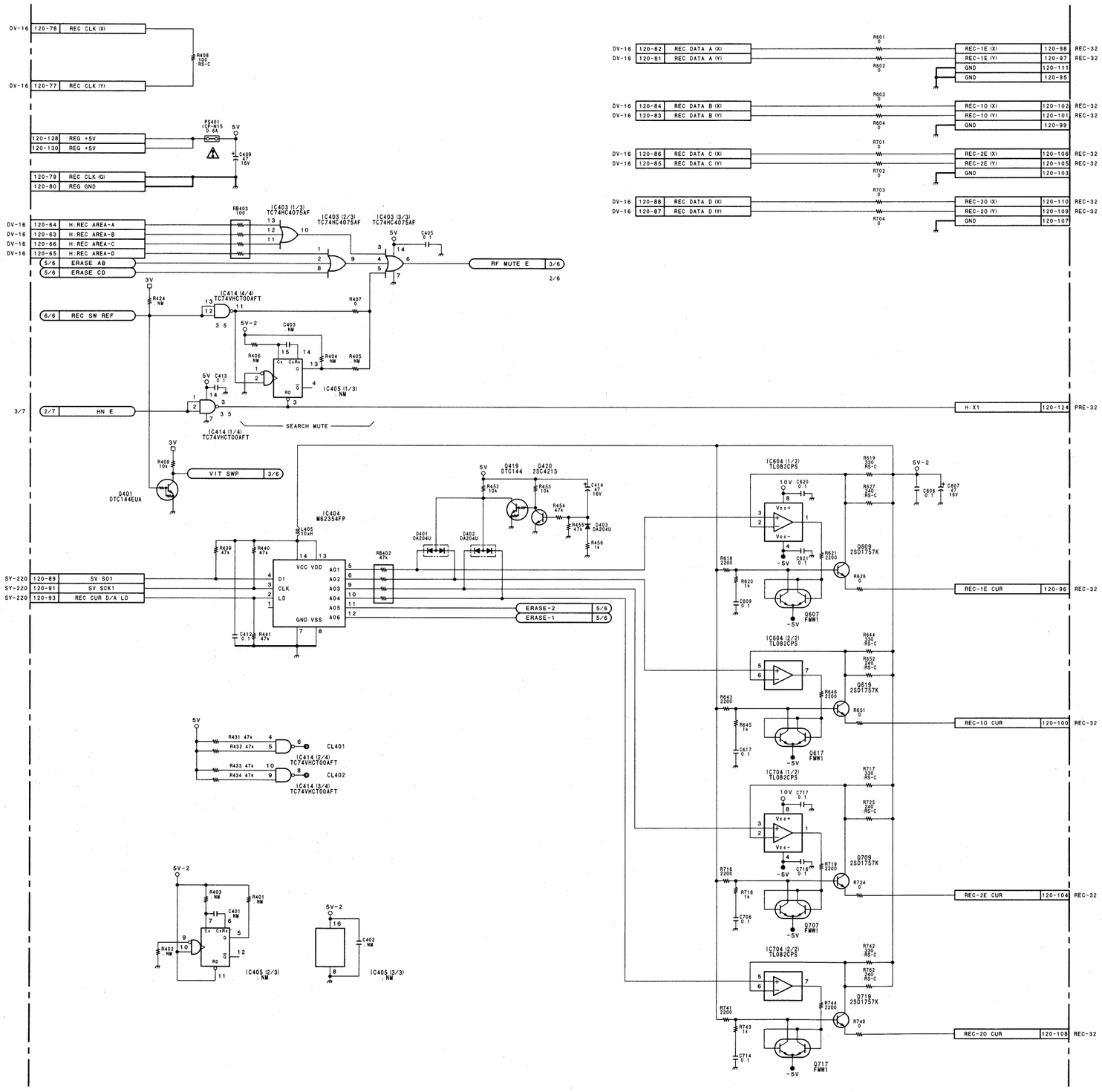

IC101
(IC201)
CXA3059Q
DP GND
(Vcc)
EVR SEL
VCA 3
VCA 4
SW3
SW4
SW5
ADD
(Vcc6)
(Vcc6/Vcc SW)
Vcc 6.6
Vcc A
AGC CONT
EVR (Vcc)
PEAK DET
AGC
DRIVER
(Vcc6.6)
(Vcc A/BUFF CONT)
AGC REF
AGC GND
A/D
PLL
AD RF TP203
RF E (-)
RF E (+)
RF MUTE E
LN E
IC203 μPC1663G
Q208 IW211109
Q211 2SC4213
Q207 2SC4213
Q201 2SA1610
Q204 2SA1610
Q202 2SC4176
Q203 2SC4176
Q205 2SC4176
Q206 2SC4176
DL201
DL202
FL201
FL202
FL203
X1 TP205
X4 TP206
E201
NORMAL SPEED
HIGH SPEED
NORMAL SPEED
HIGH SPEED

RP-90 (3/6) : RF REC/PB PROCESS




IC303
TL431CPK
IC307
CXA1866Q
REFERENCE RESISTOR CHAIN
COMPARATOR
6BIT LATCH
C LATCH A
C LATCH B
TTLOUT
IC306 (2/3)
MC10H131M
IC306 (1/3)
MC10H131M
IC302 (2/5)
MC10H116M
IC302 (1/5)
MC10H116M
IC302 (3/5)
MC10H116M
IC302 (4/5)
MC10H116M
IC304 (4/5)
MC10H125M
IC304 (3/5)
MC10H125M
IC304 (2/5)
MC10H125M
IC304 (1/5)
MC10H125M
IC308
CXD506-102R
IC310
TC7SH04FU
IC313
SN74LVC125APW
IC302 (5/5)
MC10H116M
IC306 (3/3)
MC10H131M
IC304 (5/5)
MC10H125M
-BIAS
PBCK
TP304
TP300
VIT SWP
N.C.
TP E
HN E
VIT SO
LN E
SSA 30-R
SSA 60-R
N.C.

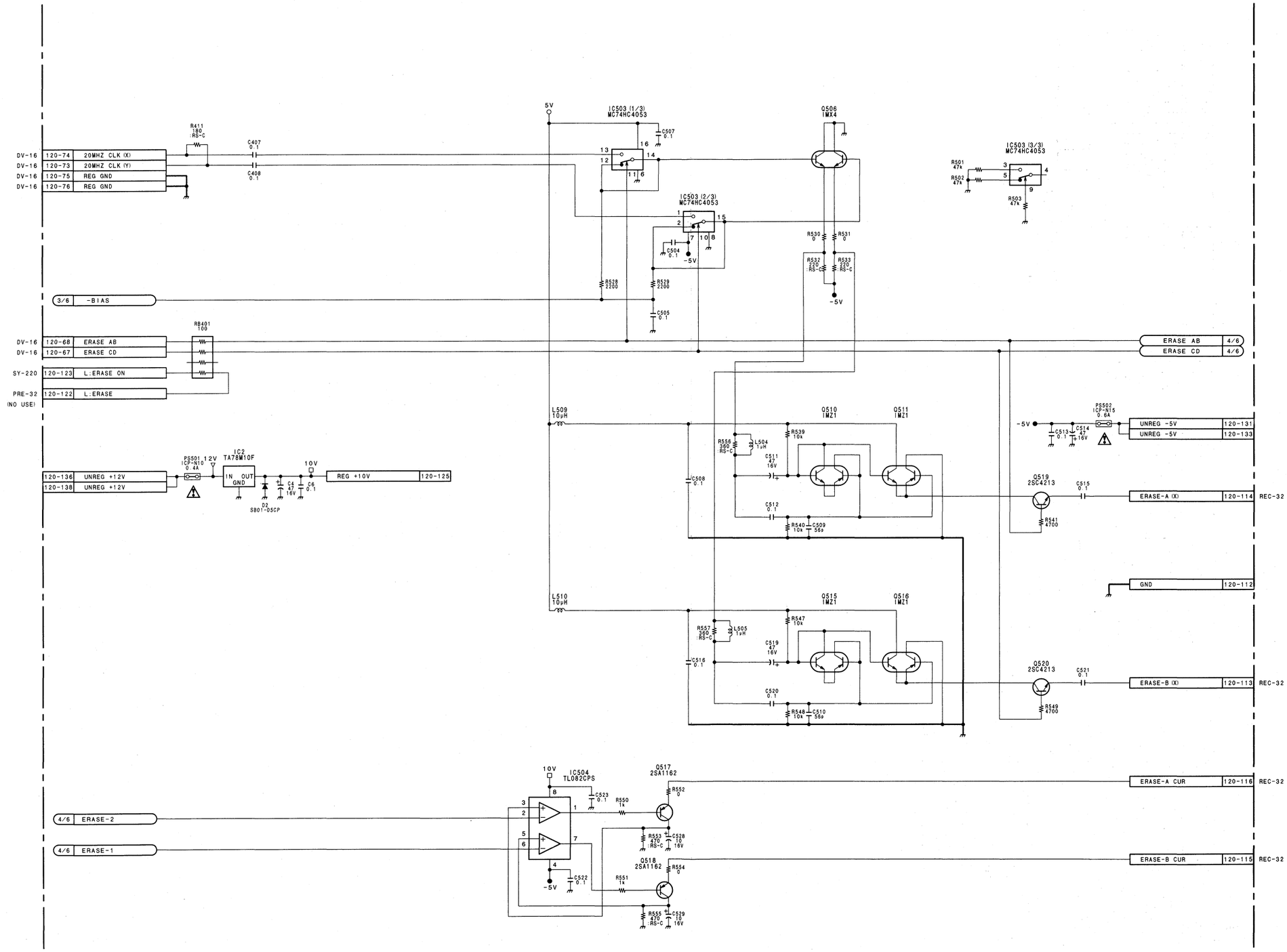
RP-90 (4/6) : RF REC/PB PROCESS



RP-90 (4/6)
MODEL DSR-85/85P

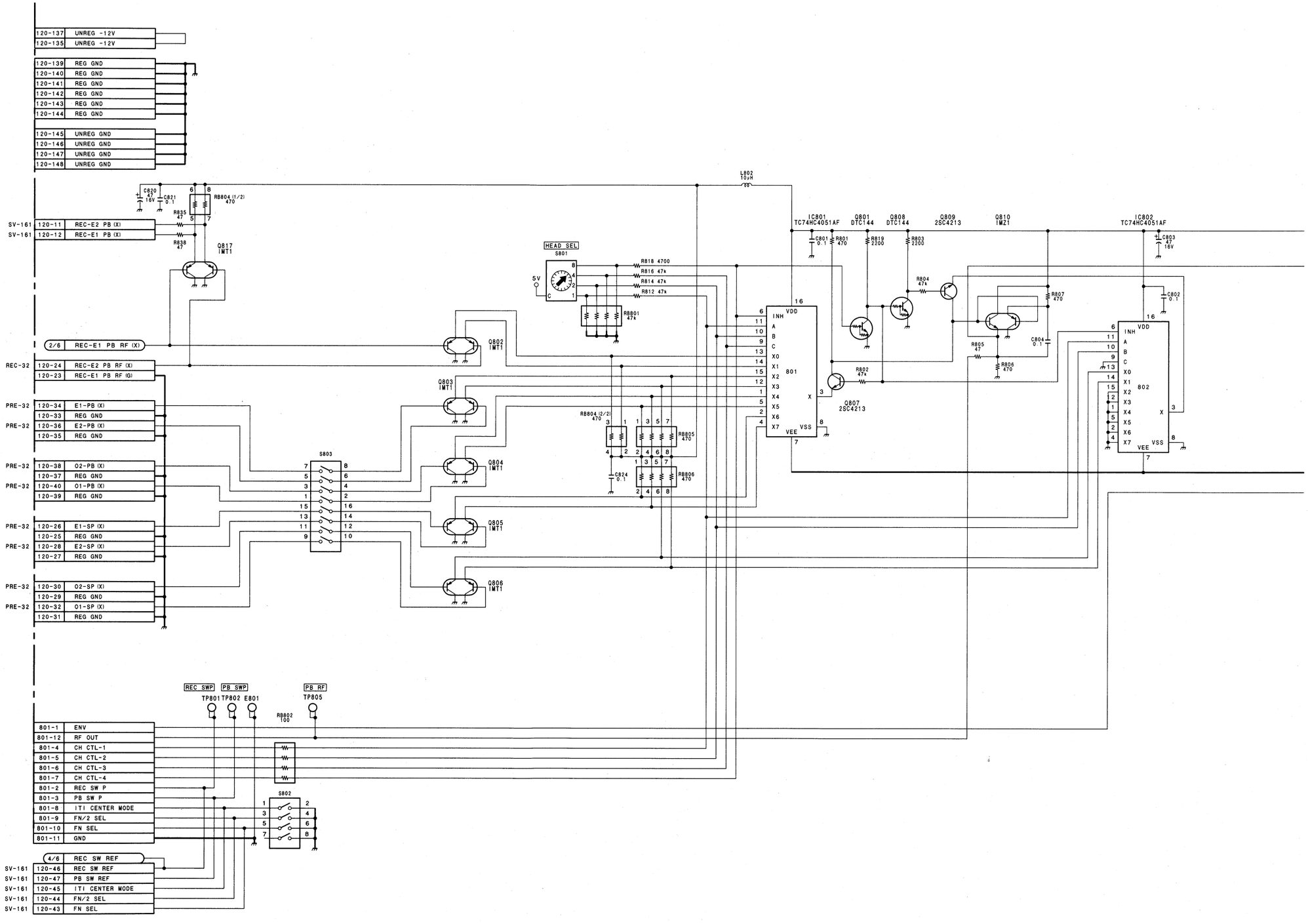
DSR-85/85P

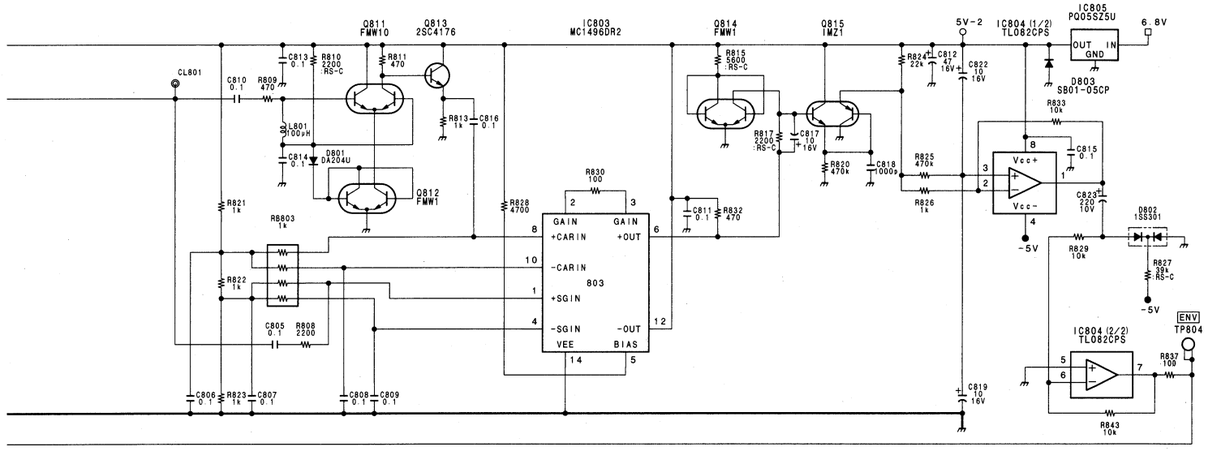
RP-90 (5/6) : RF REC/PB PROCESS



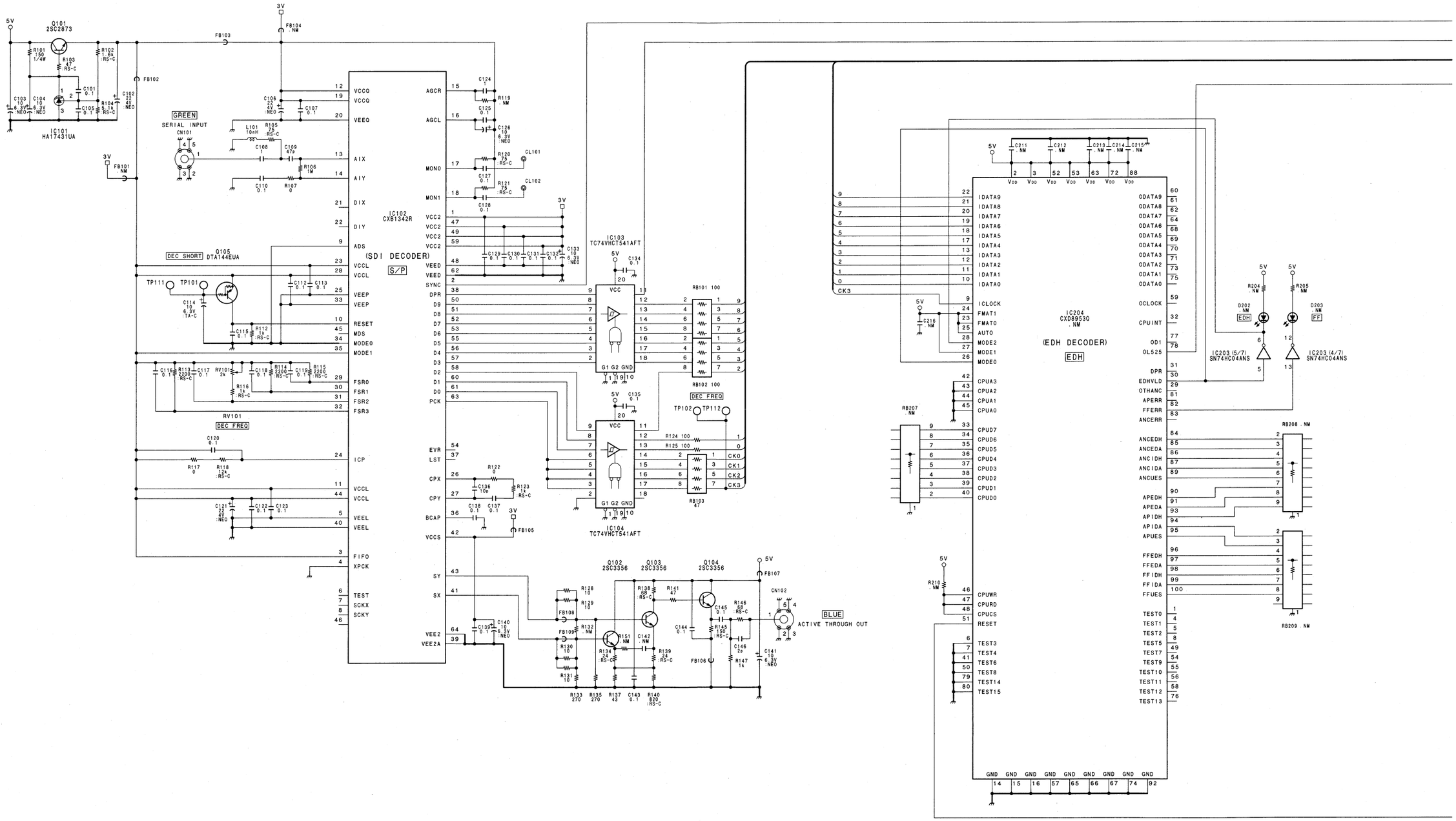
RP-90 (5/6)
MODEL DSR-85/85P

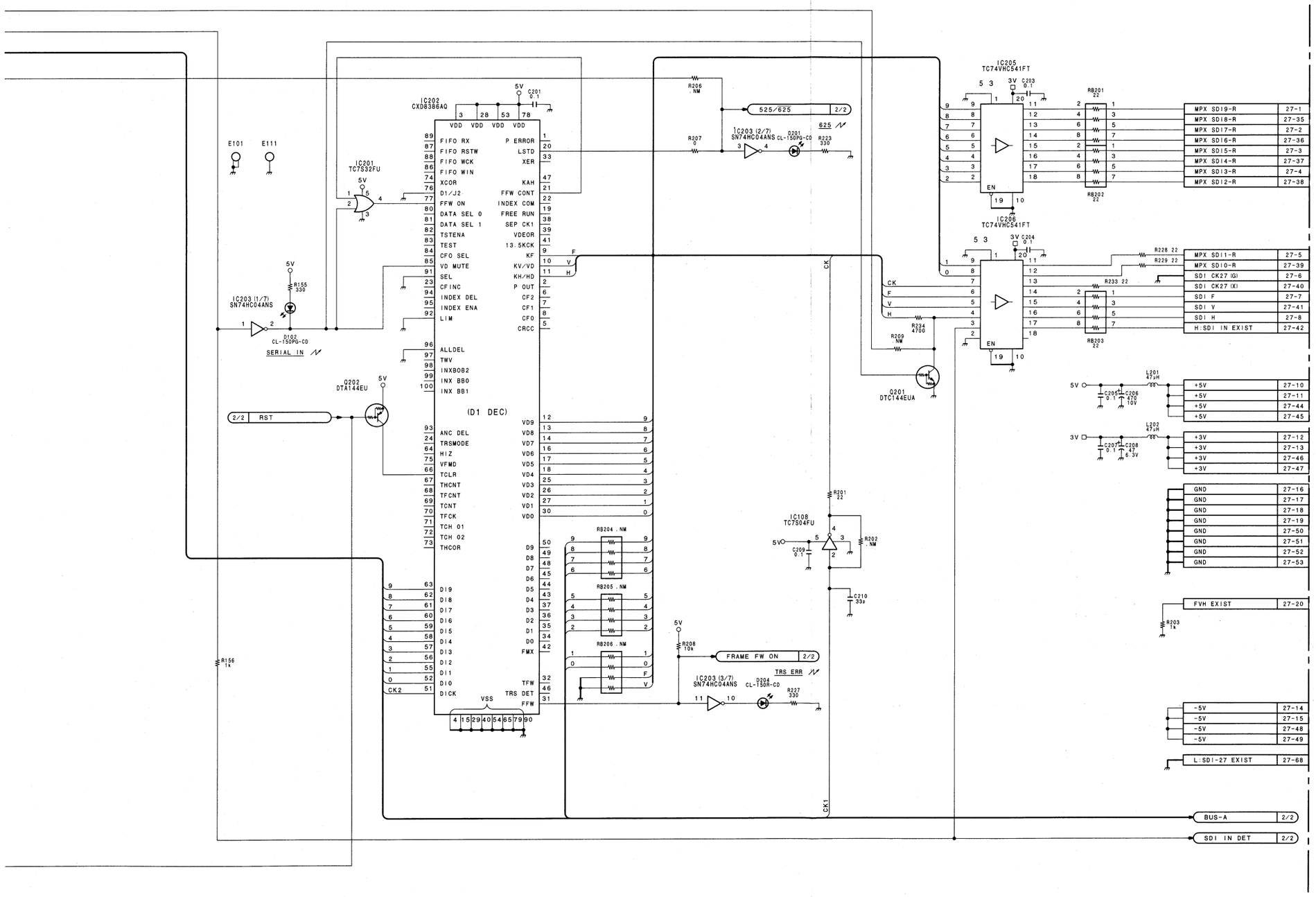
RP-90 (6/6) : RF REC/PB PROCESS




Q811 FMW10
Q813 2SC4176
IC803 MC1496DR2
Q814 FMW1
Q815 IMZ1
5V-2
IC804 (1/2) TL082CPS
IC805 PQ05SZ5U
6.8V
OUT IN GND
D803 SB01-05CP
CL801
C810 0.1
R809 470
C813 0.1
R810 2200 RS-C
R811 470
L801 100uH
C814 0.1
D801 DA204U
Q812 FMW1
R813 1k
C816 0.1
R815 5600 RS-C
R817 2200 RS-C
C817 10 16V
R820 470k
C818 1000
R821 1k
R8803 1k
R822 1k
R828 4700
R830 100
C811 0.1
R832 470
GAIN +CARIN
GAIN +OUT
-CARIN
+SGIN
-SGIN -OUT
VEE BIAS
803
C805 0.1
R808 2200
C806 0.1
R823 1k
C807 0.1
C808 0.1
C809 0.1
C819 10 16V
R824 22k
C812 47 16V
C822 10 16V
R825 470k
R826 1k
R833 10k
C815 0.1
Vcc+
Vcc-
C823 220 10V
-5V
R829 10k
D802 1SS301
R827 68k RS-C
-5V
IC804 (2/2) TL082CPS
ENV
TP804
R837 100
R843 10k

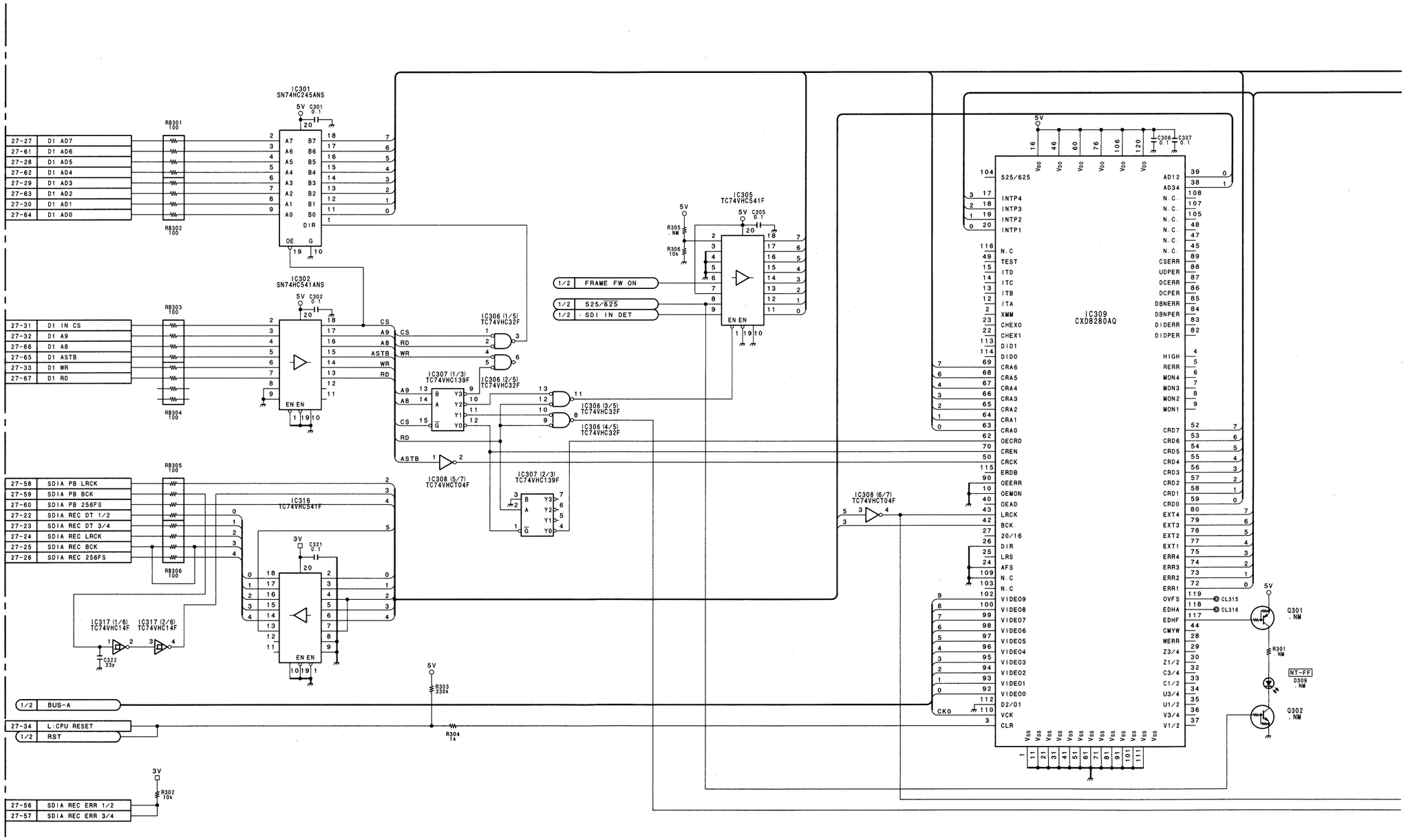
SDI-27 (1/2) : SDI INPUT

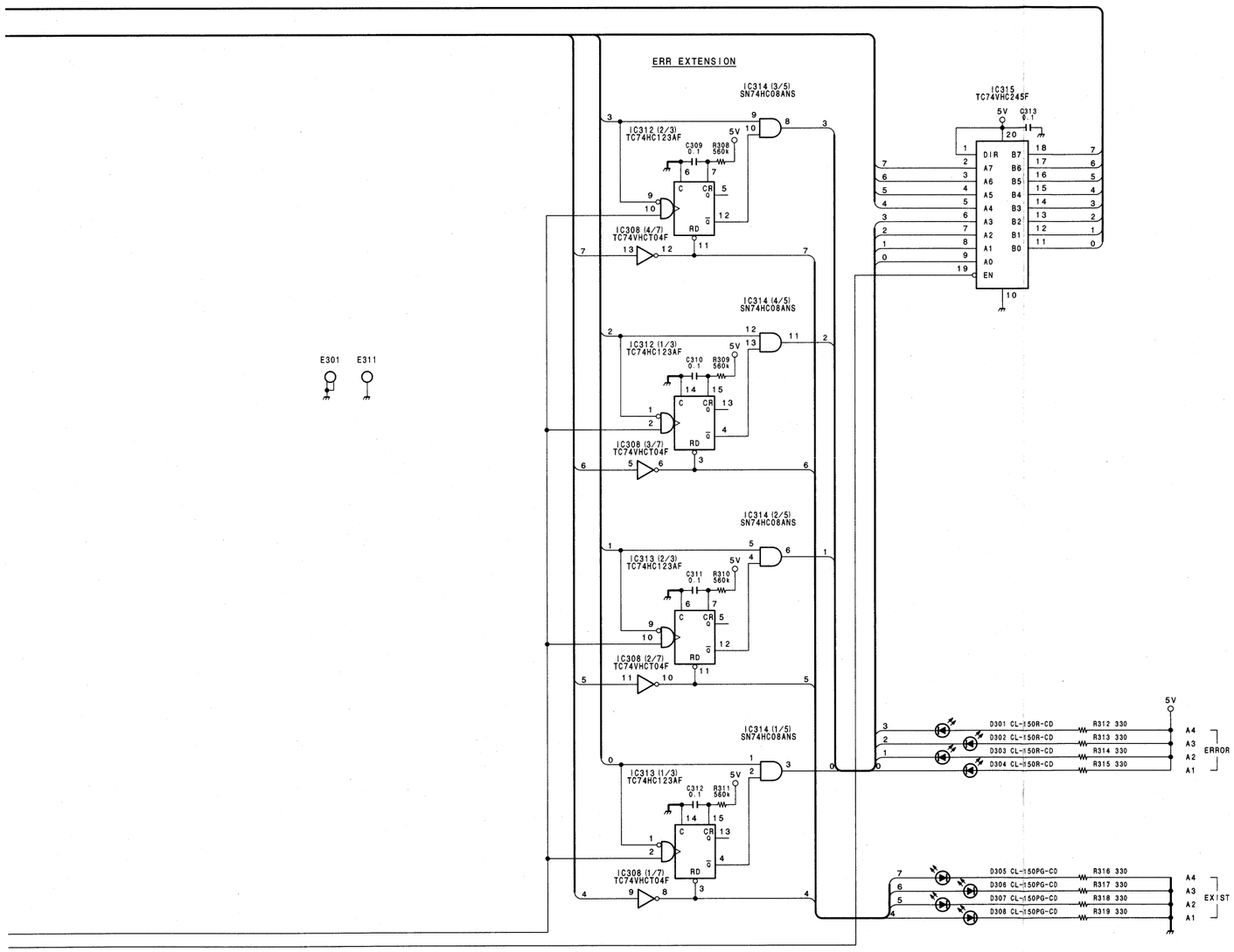


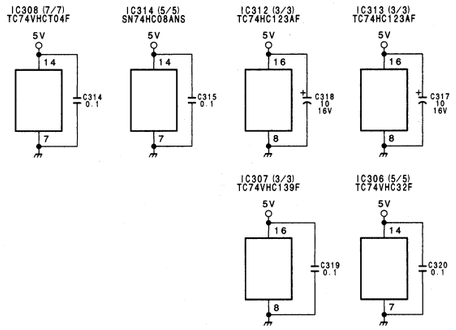


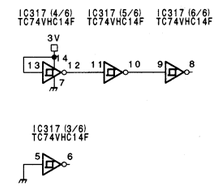
SDI-27 (1/2)
MODEL DSBK-120/120P

SDI-27 (2/2) : SDI INPUT



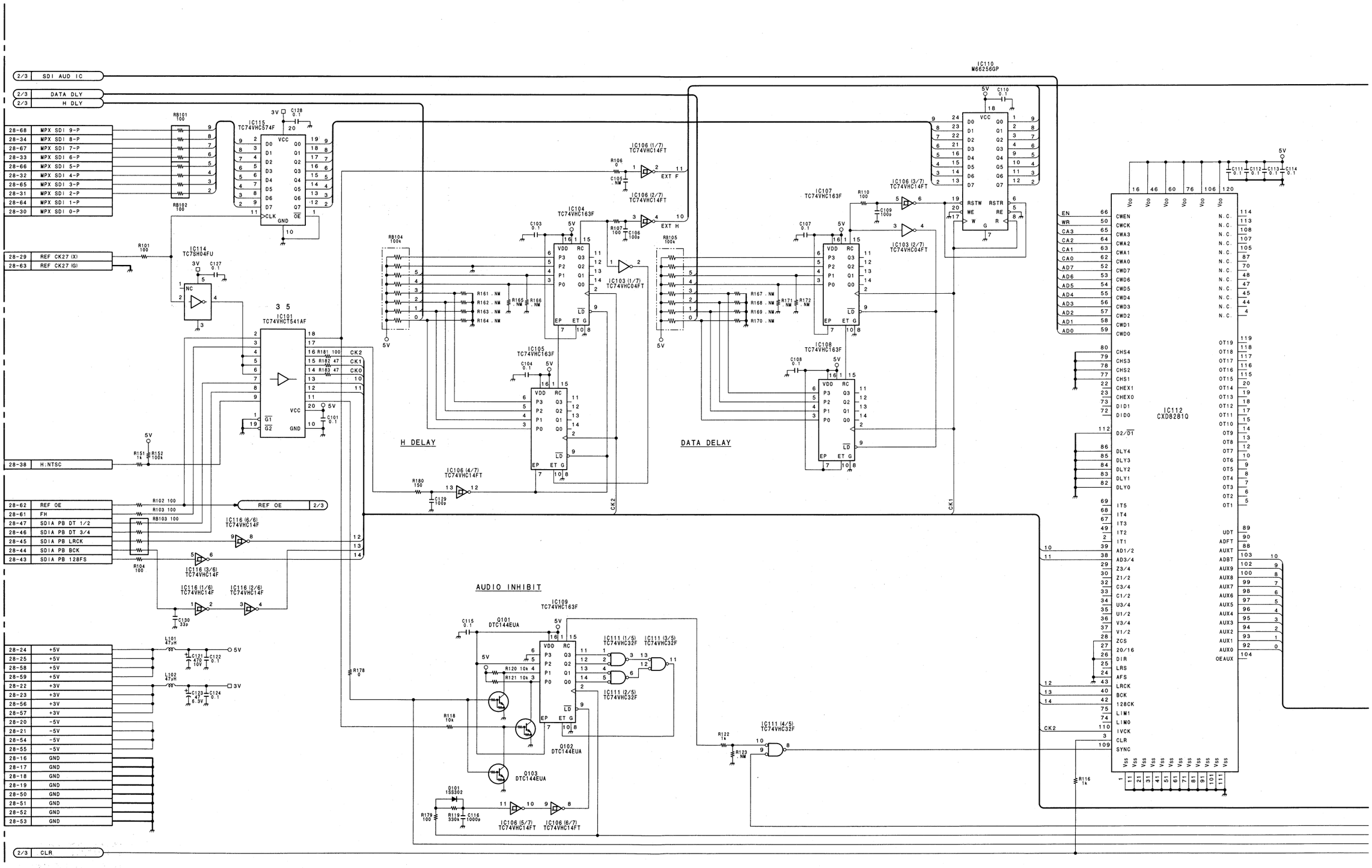


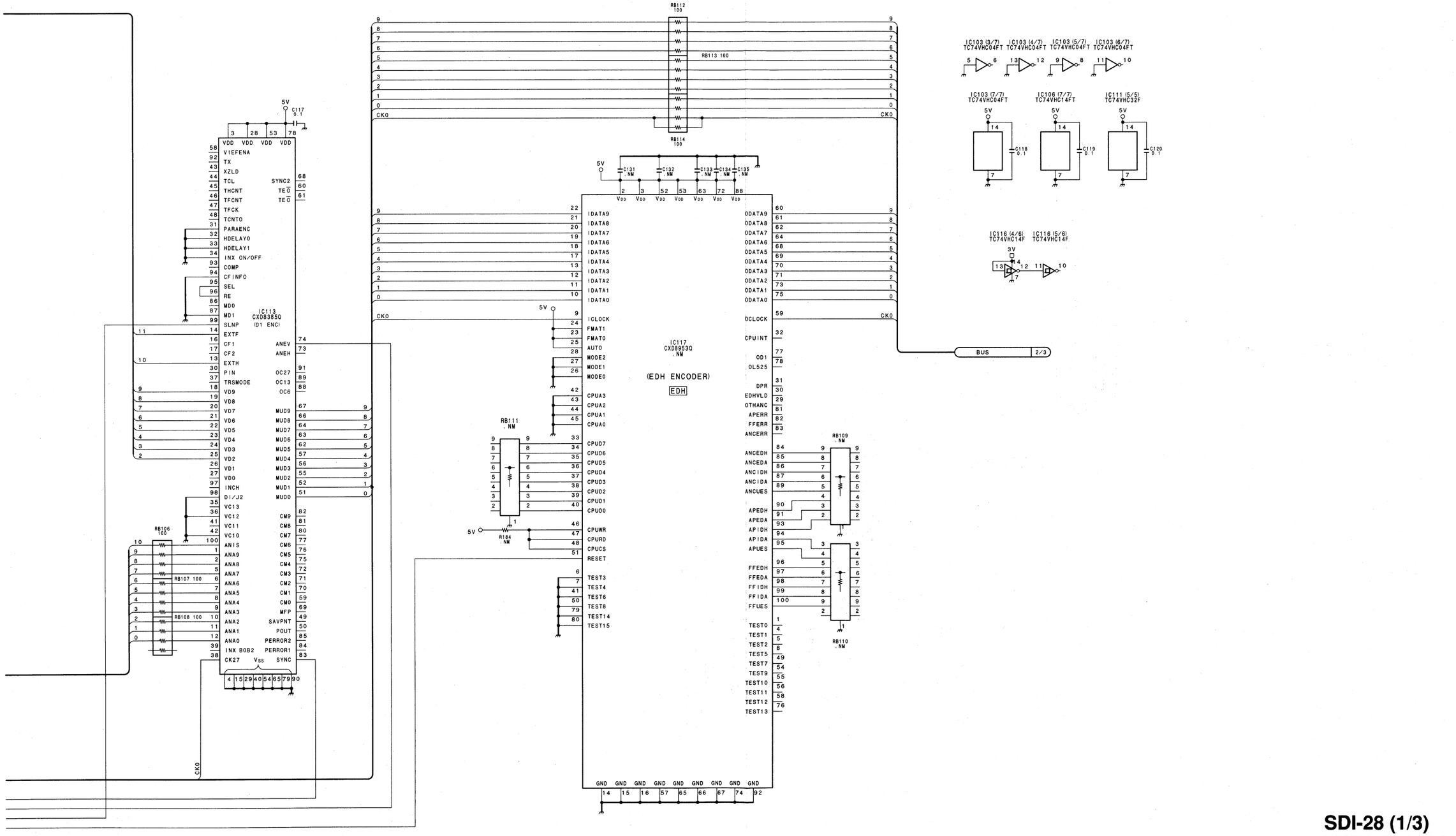




SDI-27 (2/2)
MODEL DSBK-120/120P

SDI-28 (1/3) : SDI OUTPUT



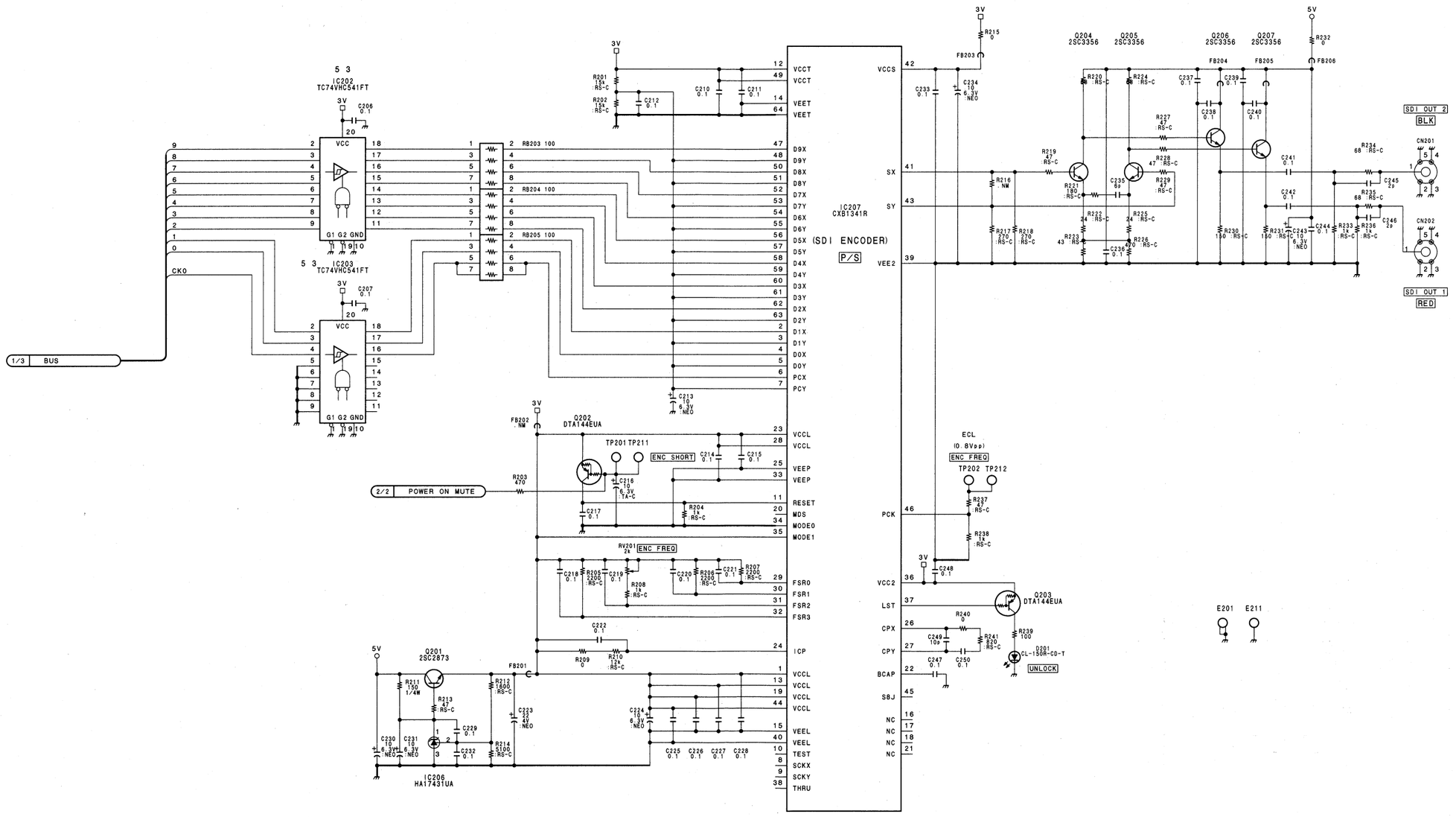


DSR-85/85P

11-127 11-127

SDI-28 (1/3)
MODEL DSBK-120/120P

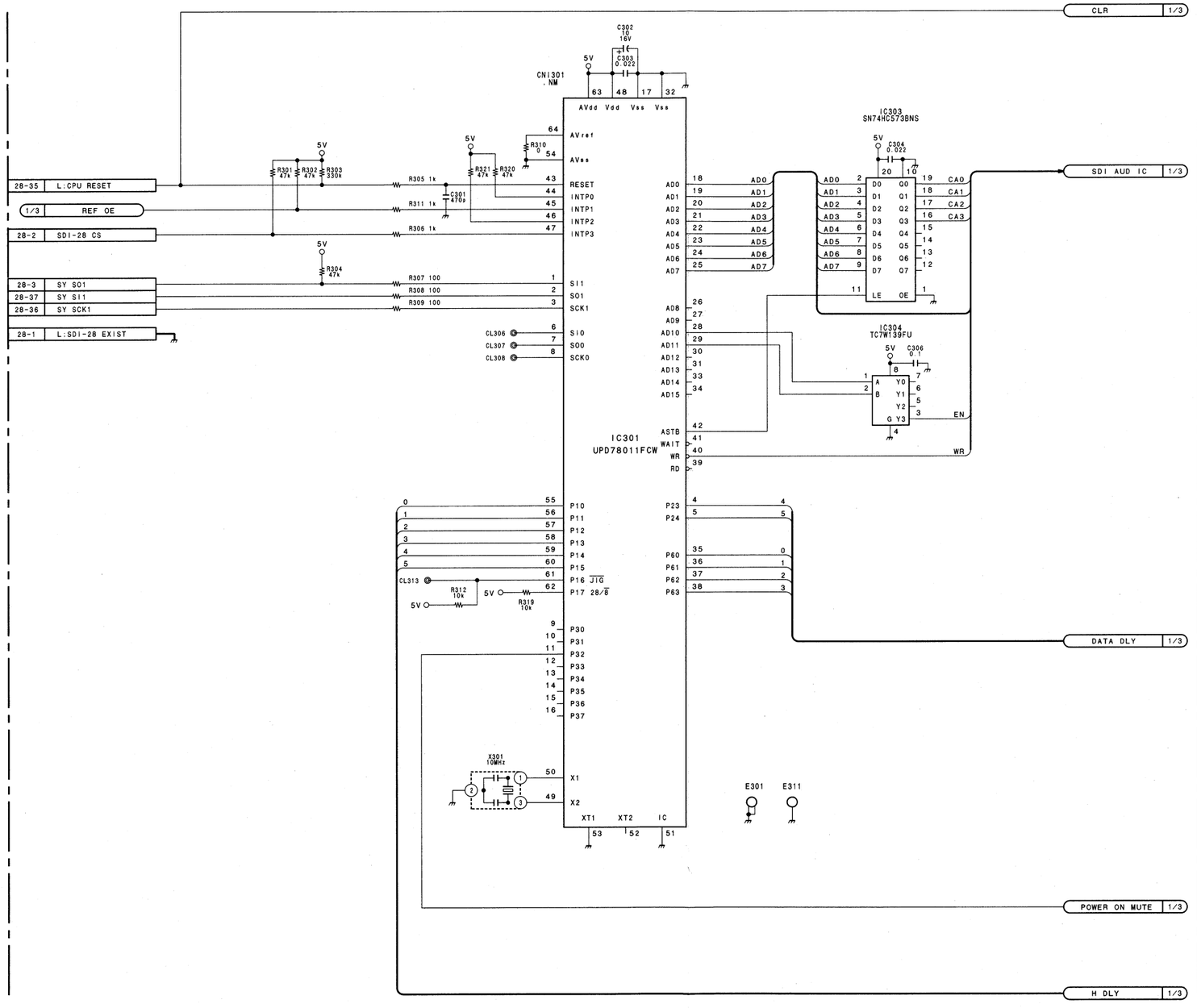
SDI-28 (2/3) : SDI OUTPUT



SDI-28 (2/3)
MODEL DSBK-120/120P

DSR-85/85P

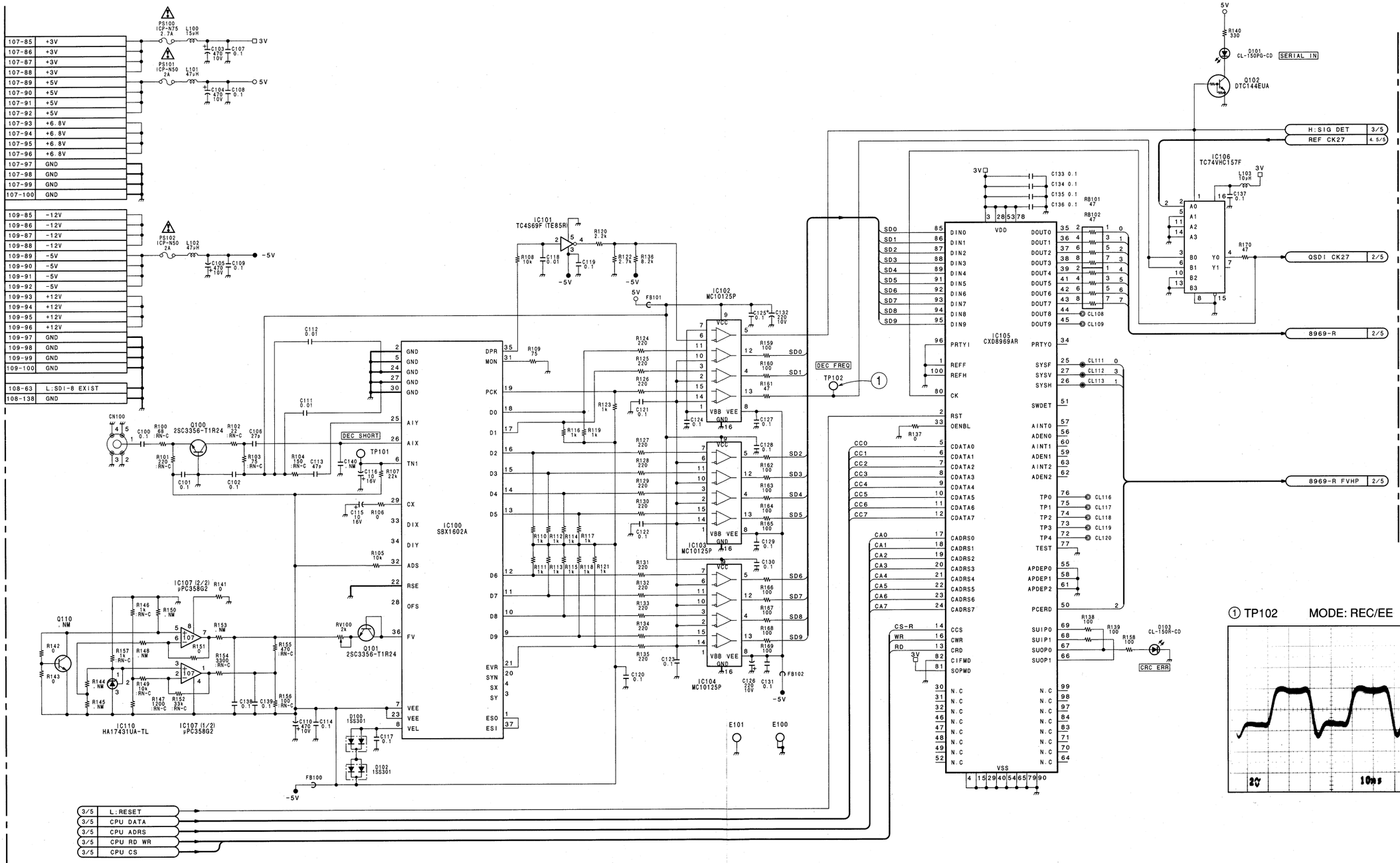
SDI-28 (3/3) : SDI OUTPUT



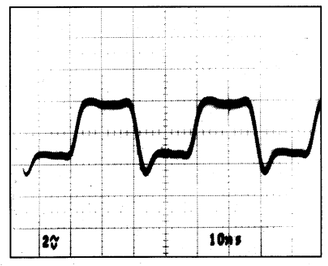
CN1301	64P 1-526-950-11
IC301	UPD78011FCW-026 8-759-483-67

SDI-28 (3/3)
MODEL DSBK-120/120P

SDI-8 (1/5) : QSDI INTERFACE

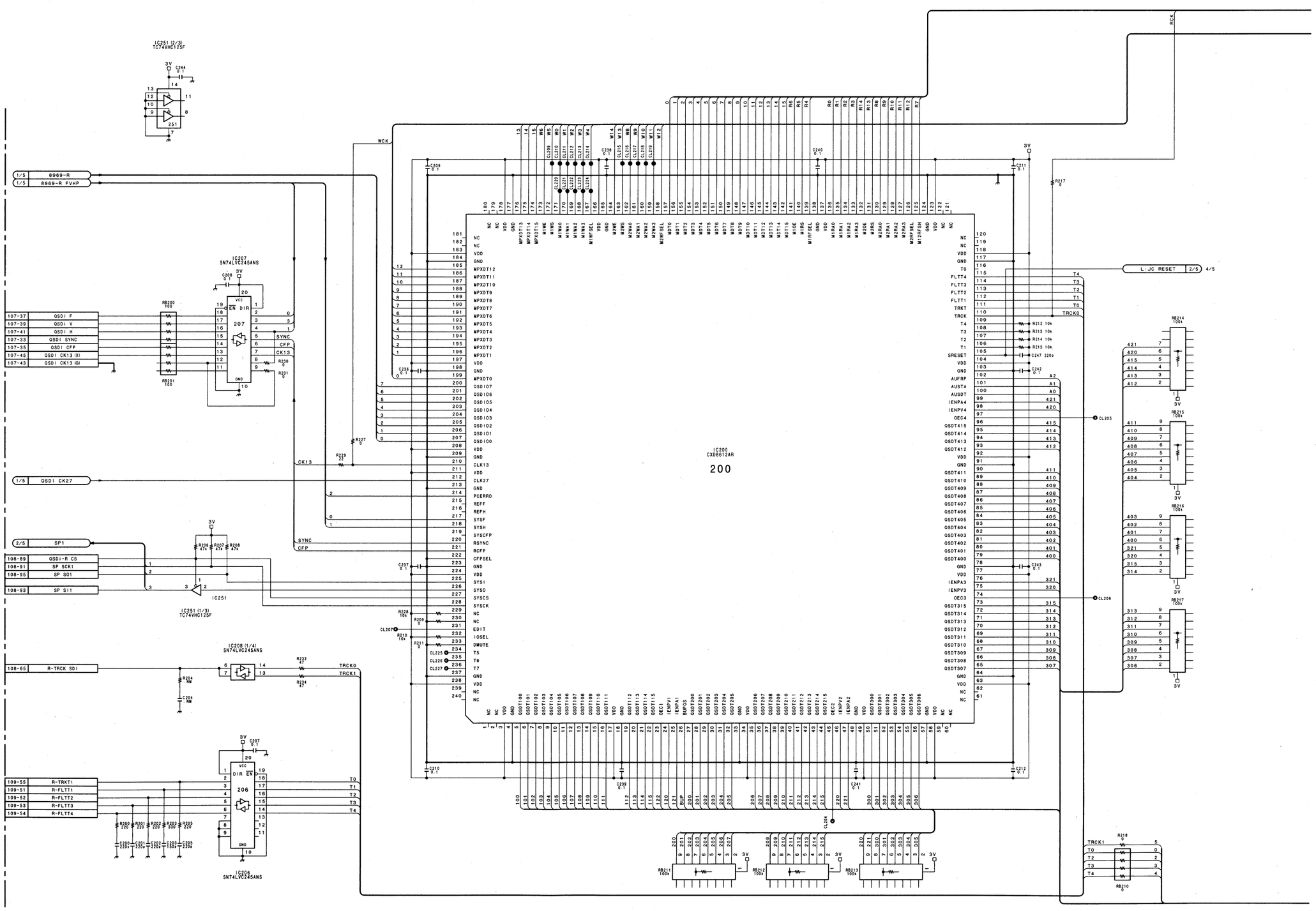


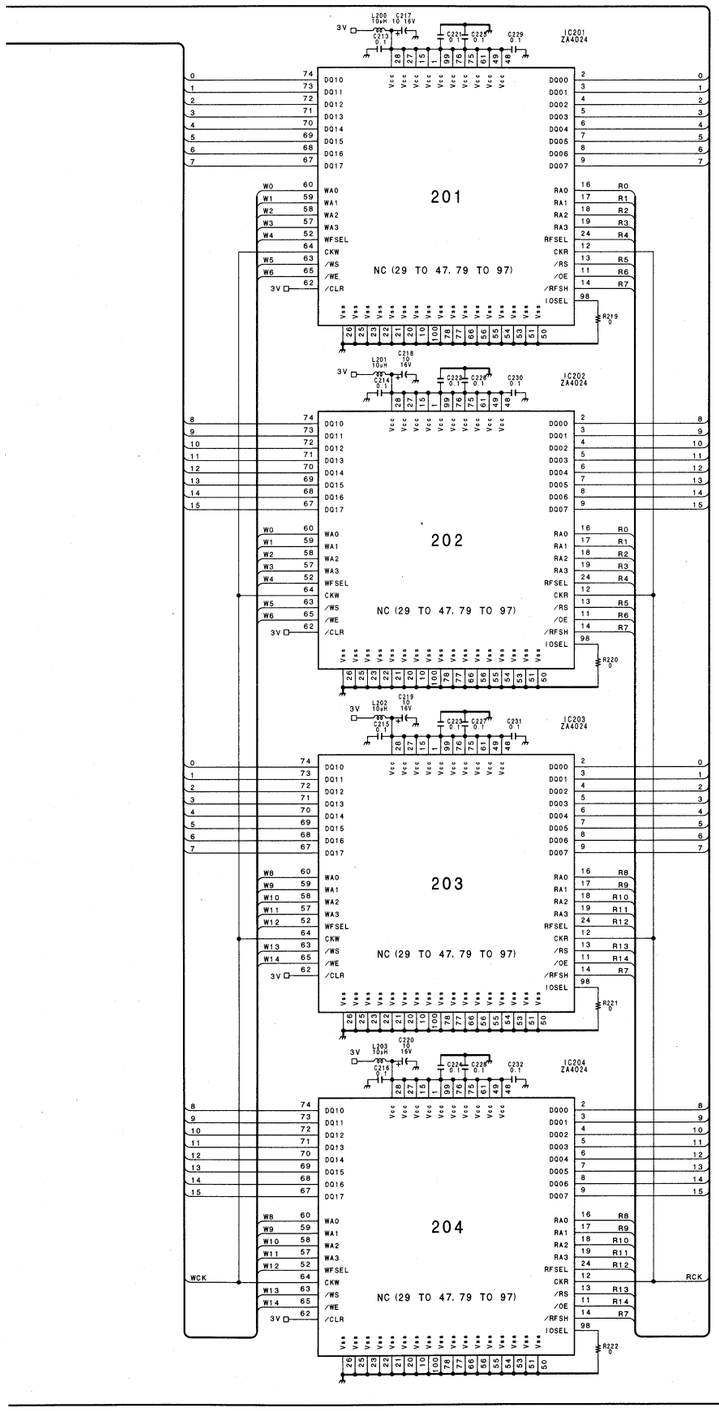
① TP102 MODE: REC/EE

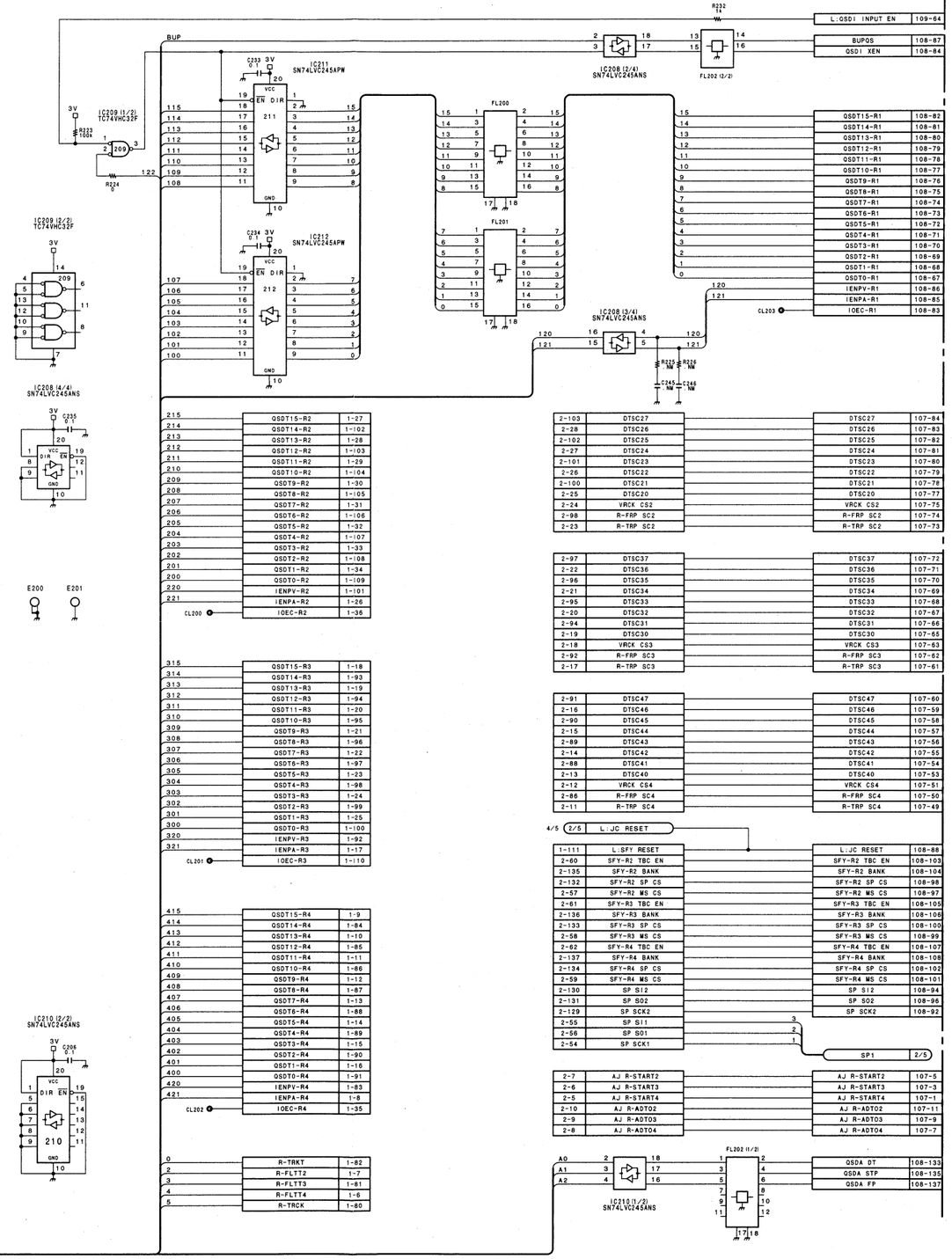


SDI-8 (1/5)
MODEL DSR-85/85P

SDI-8 (2/5) : QSDI INTERFACE

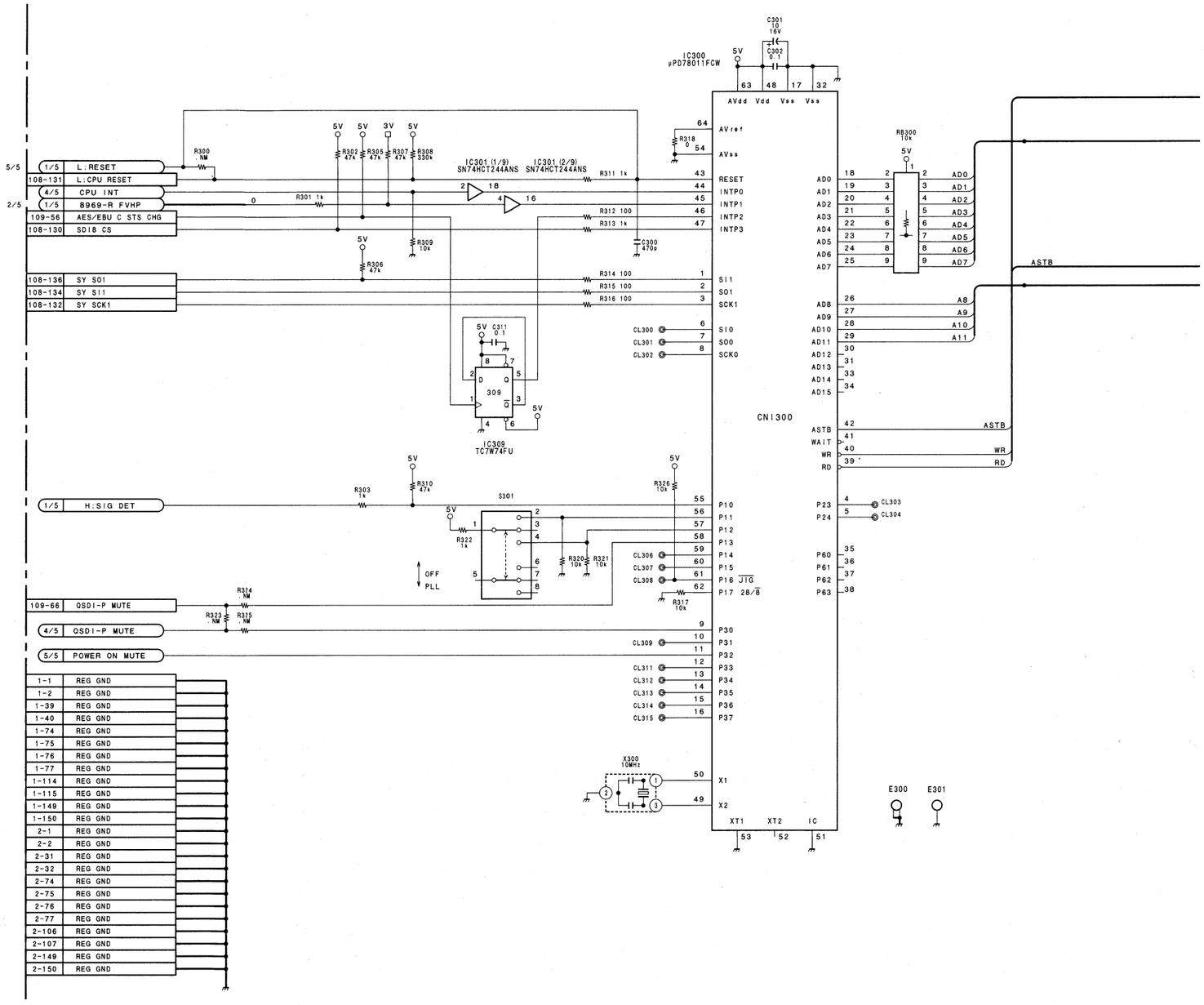


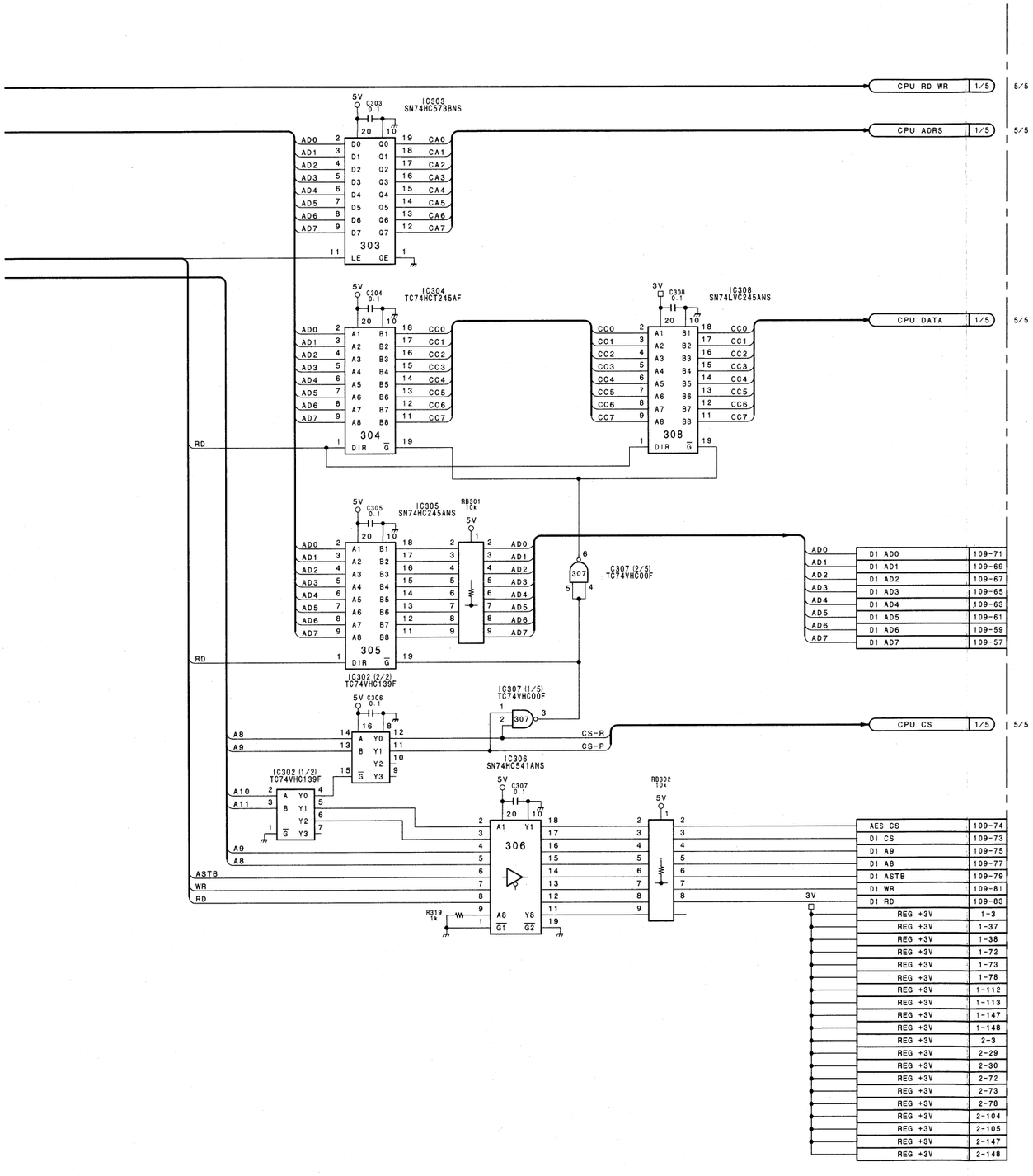


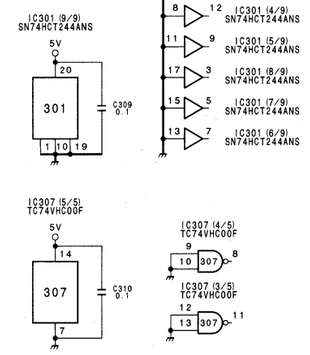


SDI-8 (2/5)
MODEL DSR-85/85P

SDI-8 (3/5) : QSDI INTERFACE

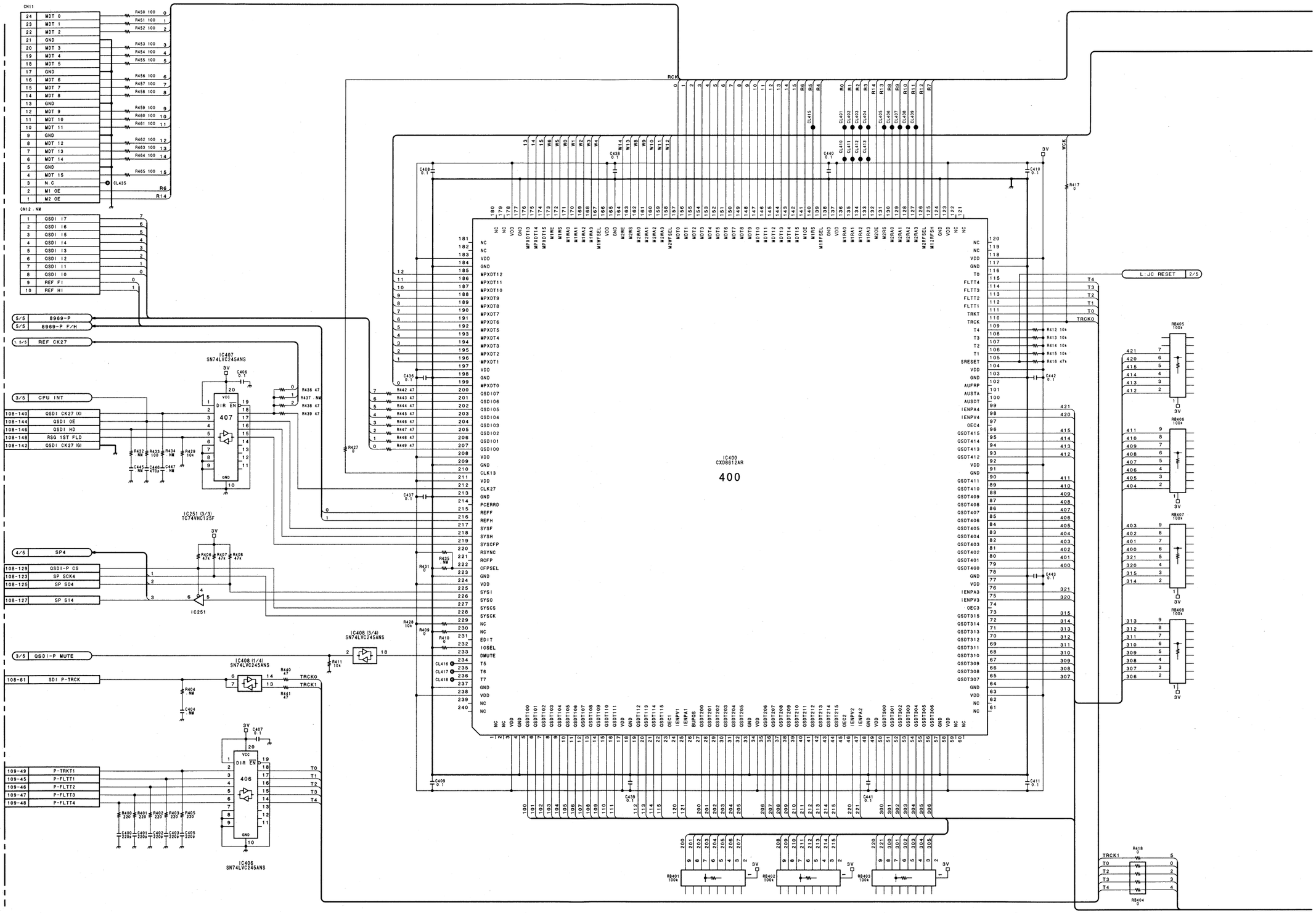


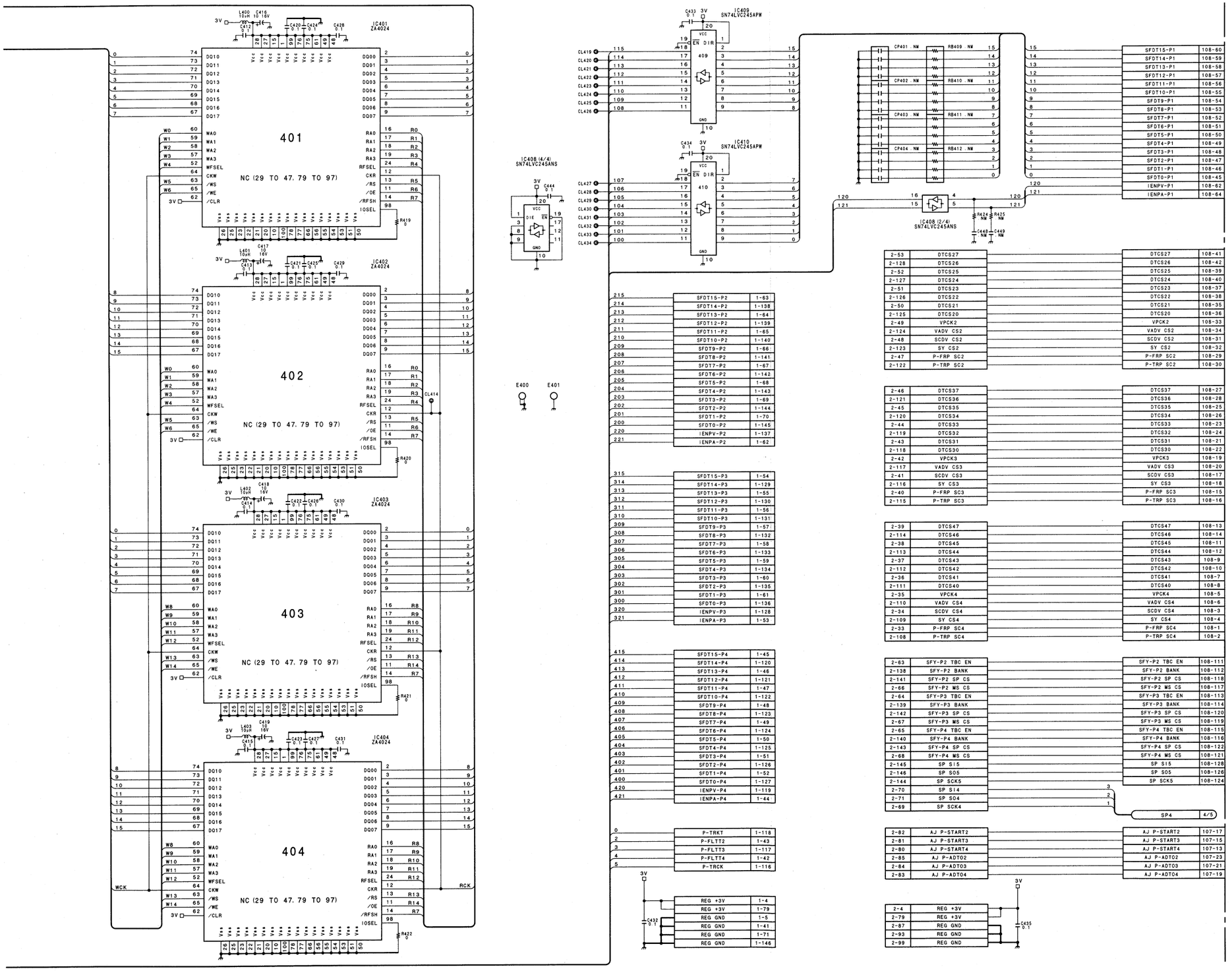




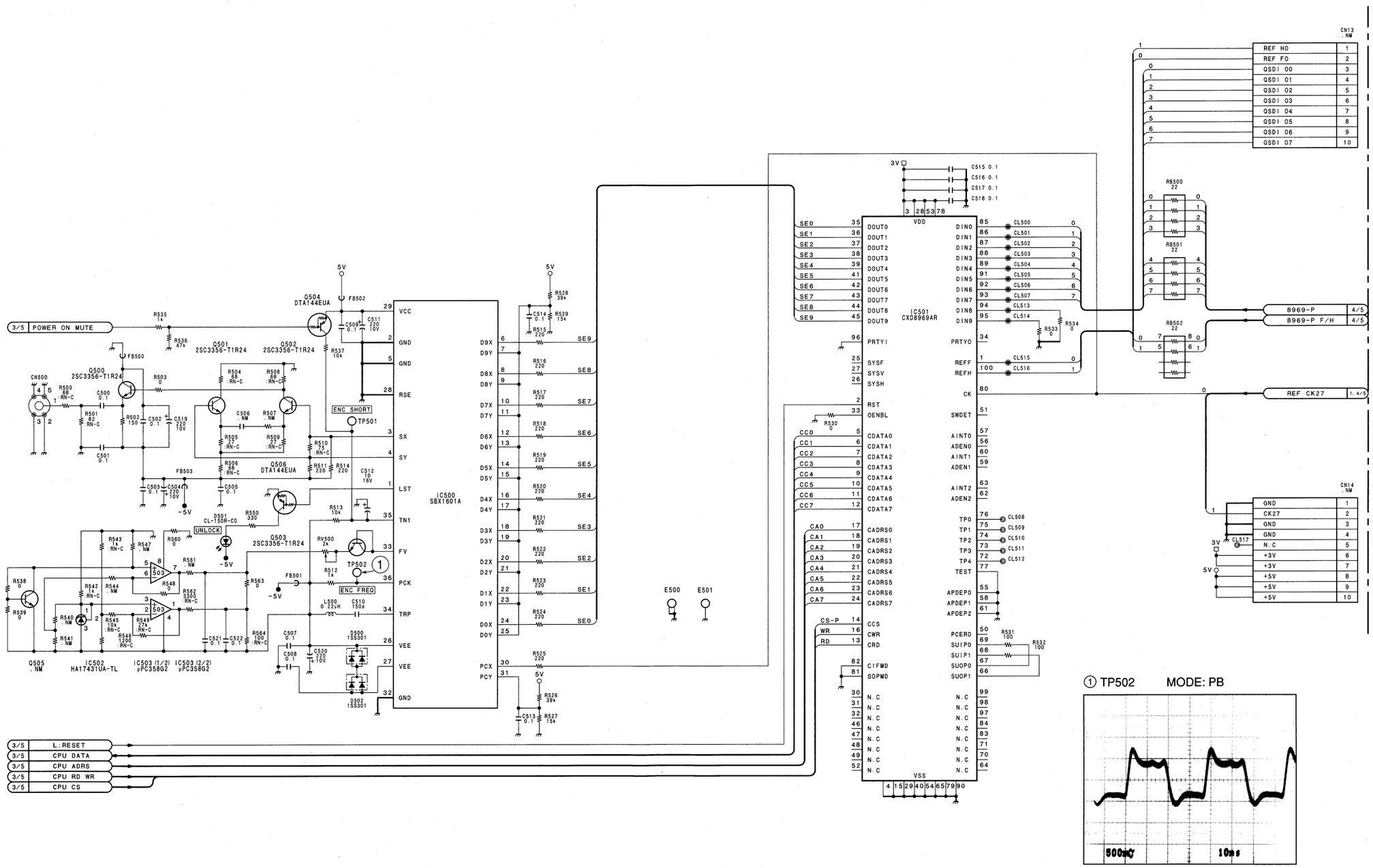
SDI-8 (3/5)
MODEL DSR-85/85P

SDI-8 (4/5) : QSDI INTERFACE




401
402
403
404
NC (29 TO 47, 79 TO 97)
IC401 ZA4024
IC402 ZA4024
IC403 ZA4024
IC404 ZA4024
IC408 (4/4) SN74LVC245ANS
IC409 SN74LVC245APW
IC410 SN74LVC245APW
IC408 (2/4) SN74LVC245ANS
SFDT15-P1 108-60
SFDT14-P1 108-59
SFDT13-P1 108-58
SFDT12-P1 108-57
SFDT11-P1 108-56
SFDT10-P1 108-55
SFDT9-P1 108-54
SFDT8-P1 108-53
SFDT7-P1 108-52
SFDT6-P1 108-51
SFDT5-P1 108-50
SFDT4-P1 108-49
SFDT3-P1 108-48
SFDT2-P1 108-47
SFDT1-P1 108-46
SFDT0-P1 108-45
IENPV-P1 108-62
IENPA-P1 108-64
DTCS27 108-41
DTCS26 108-42
DTCS25 108-39
DTCS24 108-40
DTCS23 108-37
DTCS22 108-38
DTCS21 108-35
DTCS20 108-36
VPCK2 108-33
VADV CS2 108-34
SCDV CS2 108-31
SY CS2 108-32
P-FRP SC2 108-29
P-TRP SC2 108-30
DTCS37 108-27
DTCS36 108-28
DTCS35 108-25
DTCS34 108-26
DTCS33 108-23
DTCS32 108-24
DTCS31 108-21
DTCS30 108-22
VPCK3 108-19
VADV CS3 108-20
SCDV CS3 108-17
SY CS3 108-18
P-FRP SC3 108-15
P-TRP SC3 108-16
DTCS47 108-13
DTCS46 108-14
DTCS45 108-11
DTCS44 108-12
DTCS43 108-9
DTCS42 108-10
DTCS41 108-7
DTCS40 108-8
VPCK4 108-5
VADV CS4 108-6
SCDV CS4 108-3
SY CS4 108-4
P-FRP SC4 108-1
P-TRP SC4 108-2
SFY-P2 TBC EN 108-111
SFY-P2 BANK 108-112
SFY-P2 SP CS 108-118
SFY-P2 MS CS 108-117
SFY-P3 TBC EN 108-113
SFY-P3 BANK 108-114
SFY-P3 SP CS 108-120
SFY-P3 MS CS 108-119
SFY-P4 TBC EN 108-115
SFY-P4 BANK 108-116
SFY-P4 SP CS 108-122
SFY-P4 MS CS 108-121
SP SI5 108-128
SP SO5 108-126
SP SCK5 108-124
SP4 4/5
AJ P-START2 107-17
AJ P-START3 107-15
AJ P-START4 107-13
AJ P-ADTO2 107-23
AJ P-ADTO3 107-21
AJ P-ADTO4 107-19
SFDT15-P2 1-63
SFDT14-P2 1-138
SFDT13-P2 1-64
SFDT12-P2 1-139
SFDT11-P2 1-65
SFDT10-P2 1-140
SFDT9-P2 1-66
SFDT8-P2 1-141
SFDT7-P2 1-67
SFDT6-P2 1-142
SFDT5-P2 1-68
SFDT4-P2 1-143
SFDT3-P2 1-69
SFDT2-P2 1-144
SFDT1-P2 1-70
SFDT0-P2 1-145
IENPV-P2 1-137
IENPA-P2 1-62
SFDT15-P3 1-54
SFDT14-P3 1-129
SFDT13-P3 1-55
SFDT12-P3 1-130
SFDT11-P3 1-56
SFDT10-P3 1-131
SFDT9-P3 1-57
SFDT8-P3 1-132
SFDT7-P3 1-58
SFDT6-P3 1-133
SFDT5-P3 1-59
SFDT4-P3 1-134
SFDT3-P3 1-60
SFDT2-P3 1-135
SFDT1-P3 1-61
SFDT0-P3 1-136
IENPV-P3 1-128
IENPA-P3 1-53
SFDT15-P4 1-45
SFDT14-P4 1-120
SFDT13-P4 1-46
SFDT12-P4 1-121
SFDT11-P4 1-47
SFDT10-P4 1-122
SFDT9-P4 1-48
SFDT8-P4 1-123
SFDT7-P4 1-49
SFDT6-P4 1-124
SFDT5-P4 1-50
SFDT4-P4 1-125
SFDT3-P4 1-51
SFDT2-P4 1-126
SFDT1-P4 1-52
SFDT0-P4 1-127
IENPV-P4 1-119
IENPA-P4 1-44
P-TRKT 1-118
P-FLTT2 1-43
P-FLTT3 1-117
P-FLTT4 1-42
P-TRCK 1-116
REG +3V 1-4
REG +3V 1-79
REG GND 1-5
REG GND 1-41
REG GND 1-71
REG GND 1-146
REG +3V 1-3
REG +3V 1-78
REG GND 1-6
REG GND 1-42
REG GND 1-72
REG GND 1-147

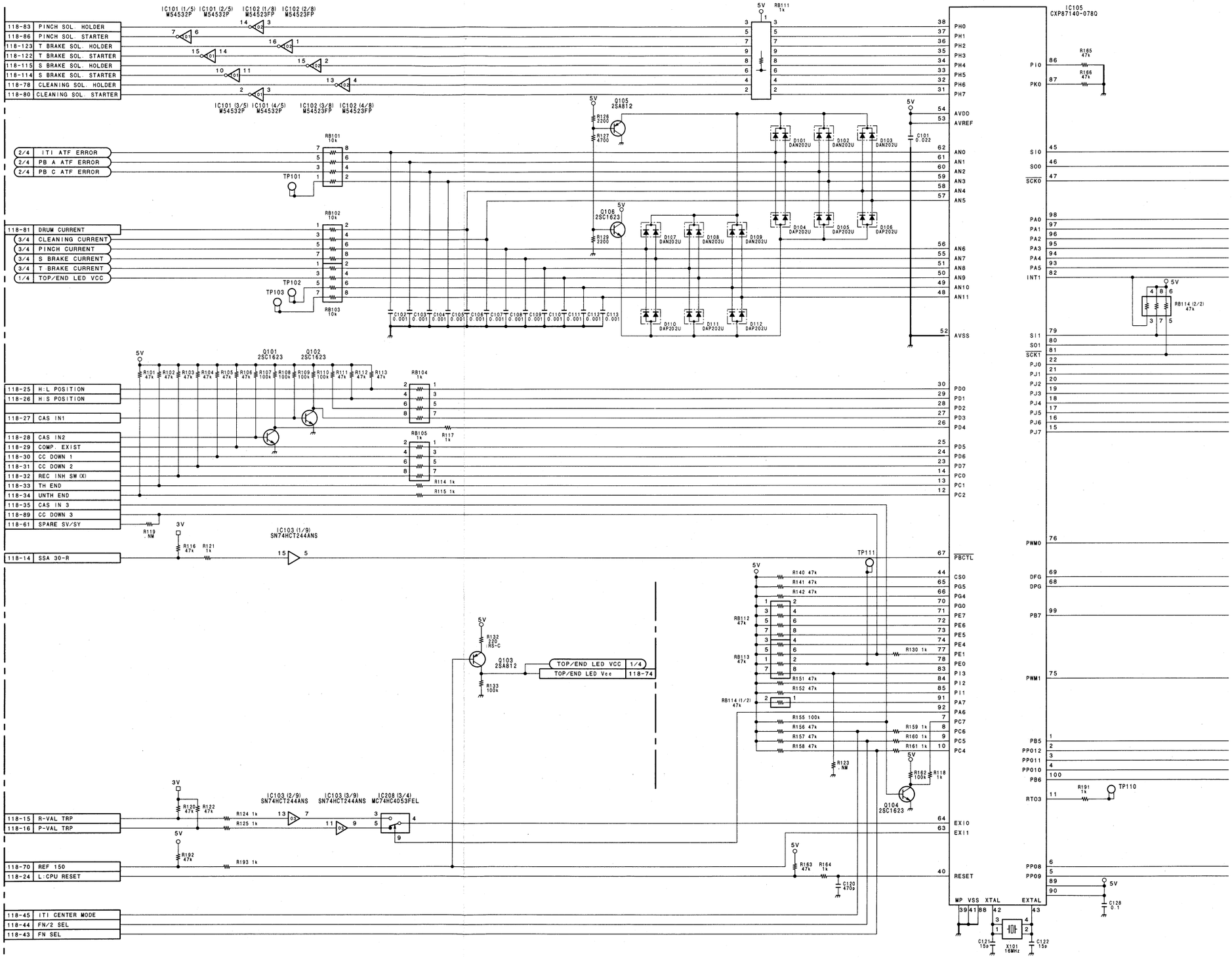
SDI-8 (5/5) : QSDI INTERFACE

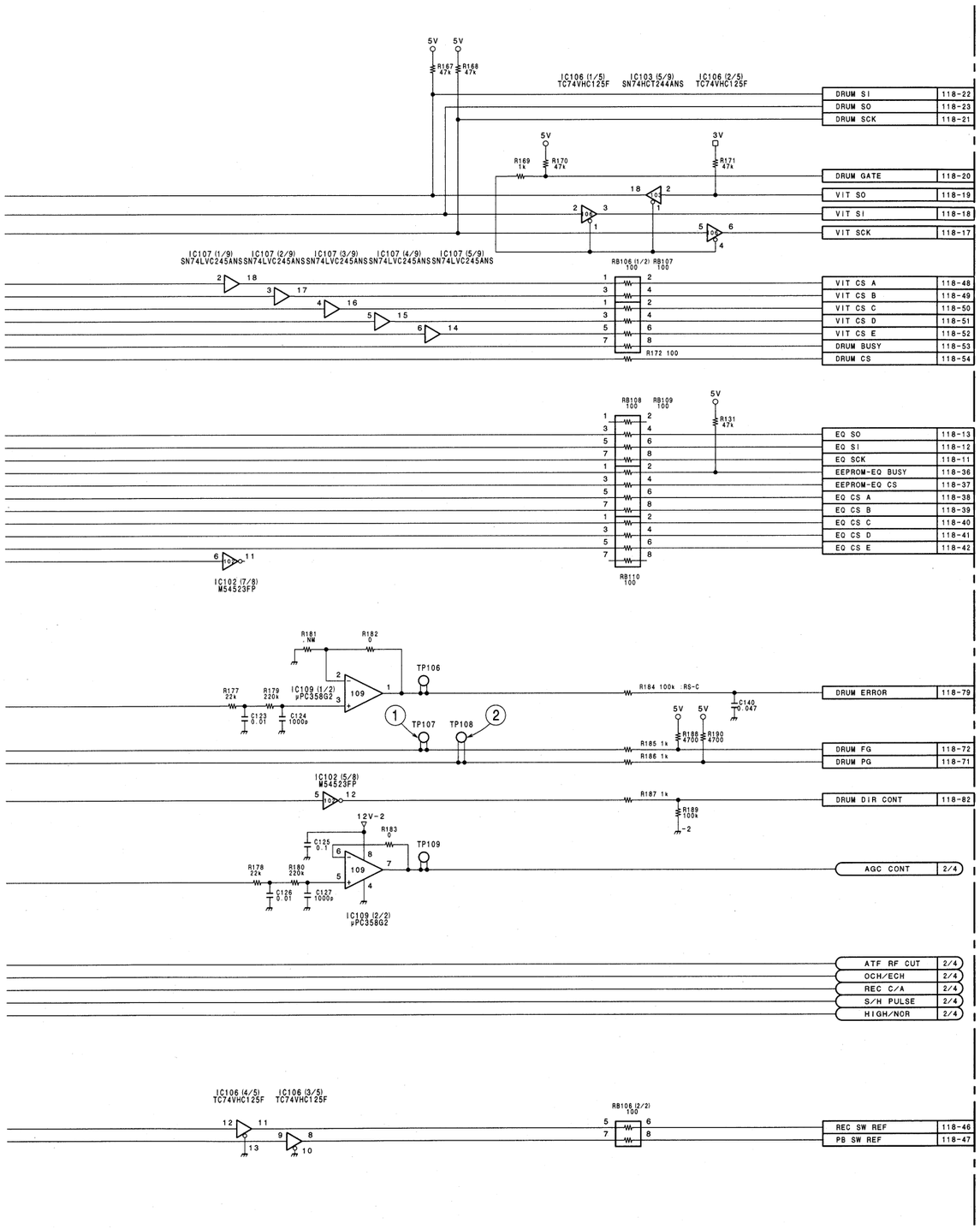


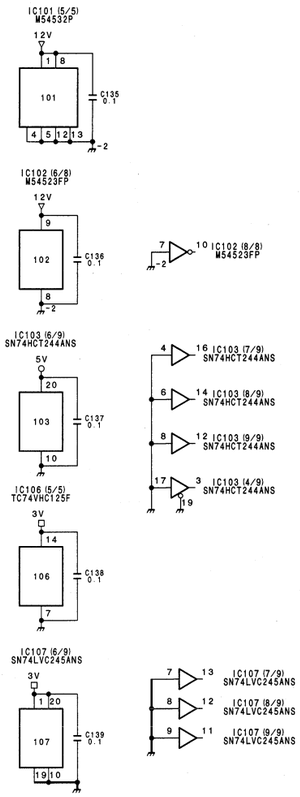
① TP502 MODE: PB

SDI-8 (5/5)
MODEL DSR-85/85P

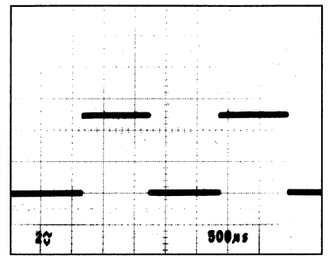
SV-161 (1/4) : SERVO SYSTEM



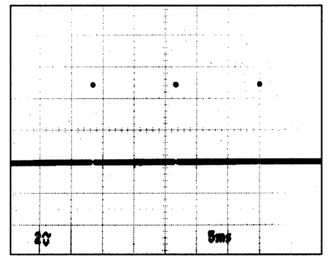




① TP107 MODE: REC/PB

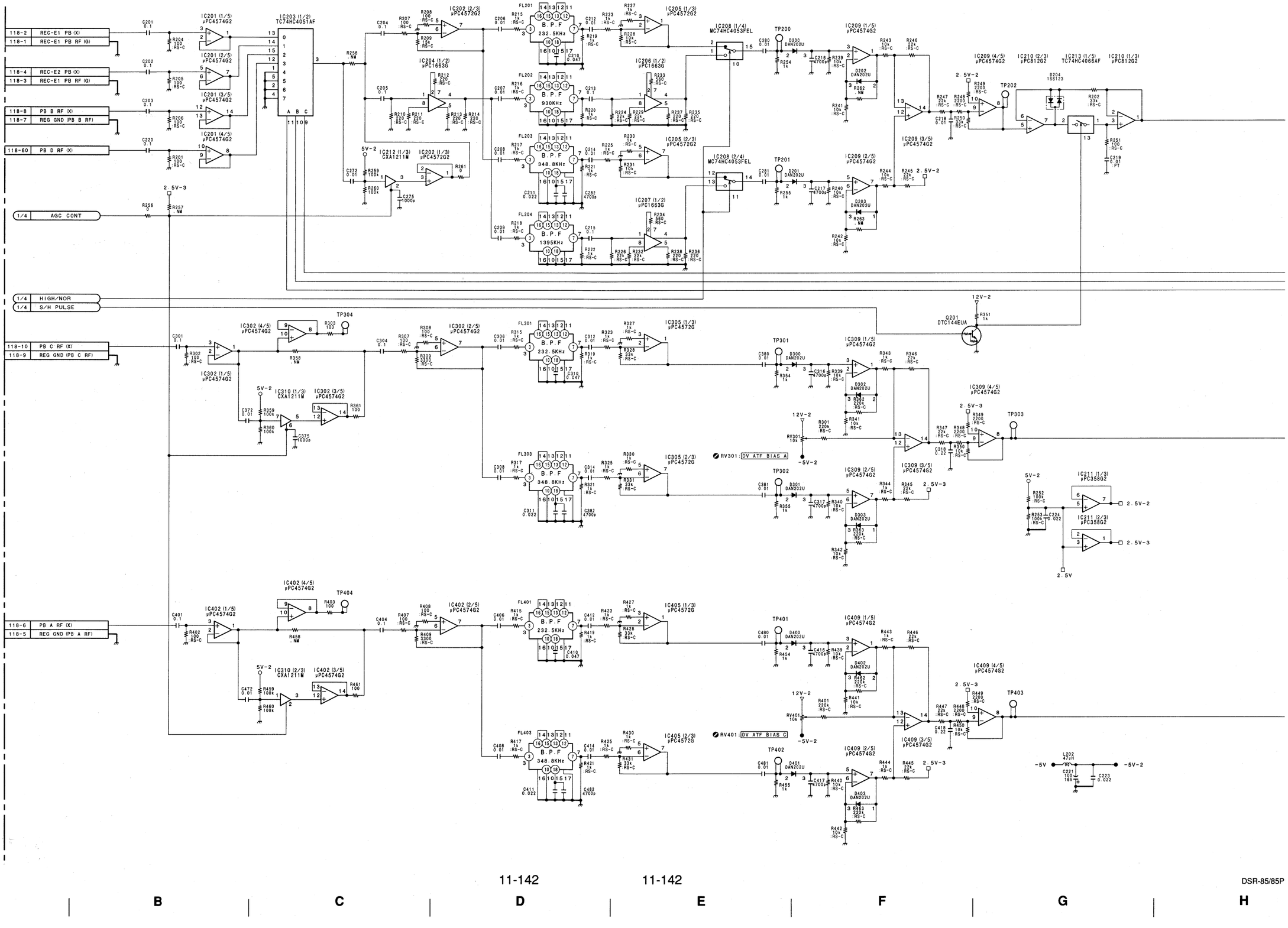


② TP108 MODE: REC/PB



SV-161 (1/4)
MODEL DSR-85/85P

SV-161 (2/4) : SERVO SYSTEM



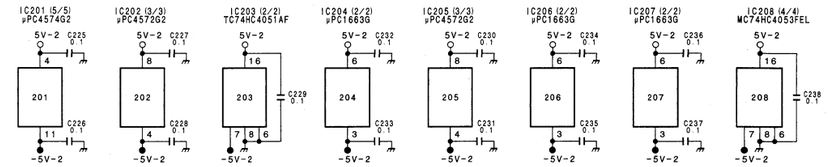
SV-161 (2/4)

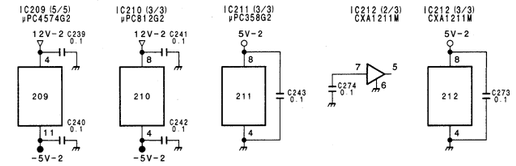
ITI ATF ERROR 1/4

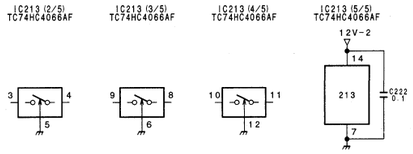
ATF RF CUT 1/4
OCH/ECH 1/4
REC C/A 1/4

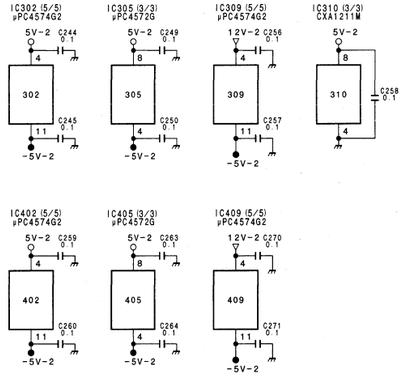
PB C ATF ERROR 1/4

PB A ATF ERROR 1/4

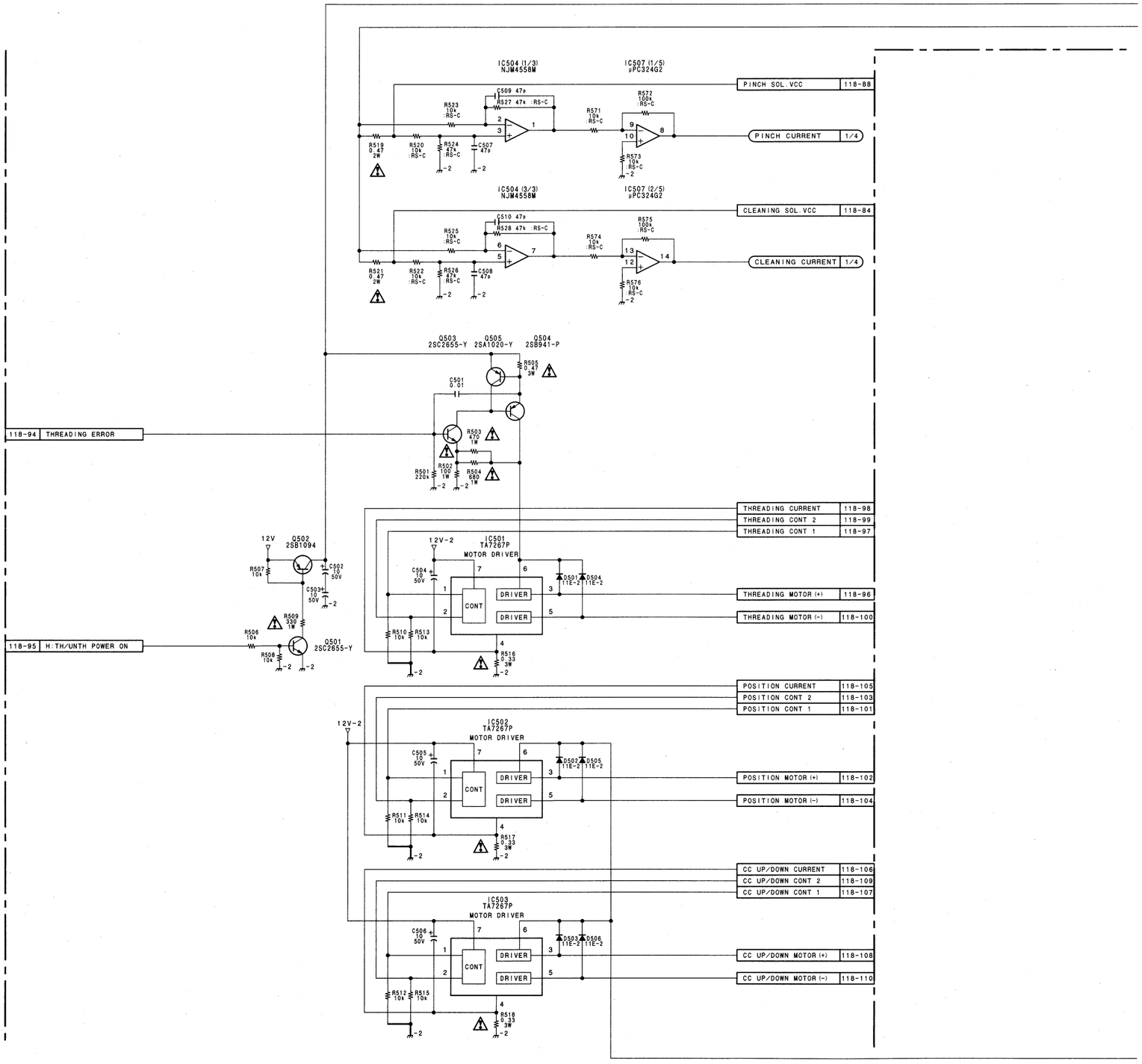




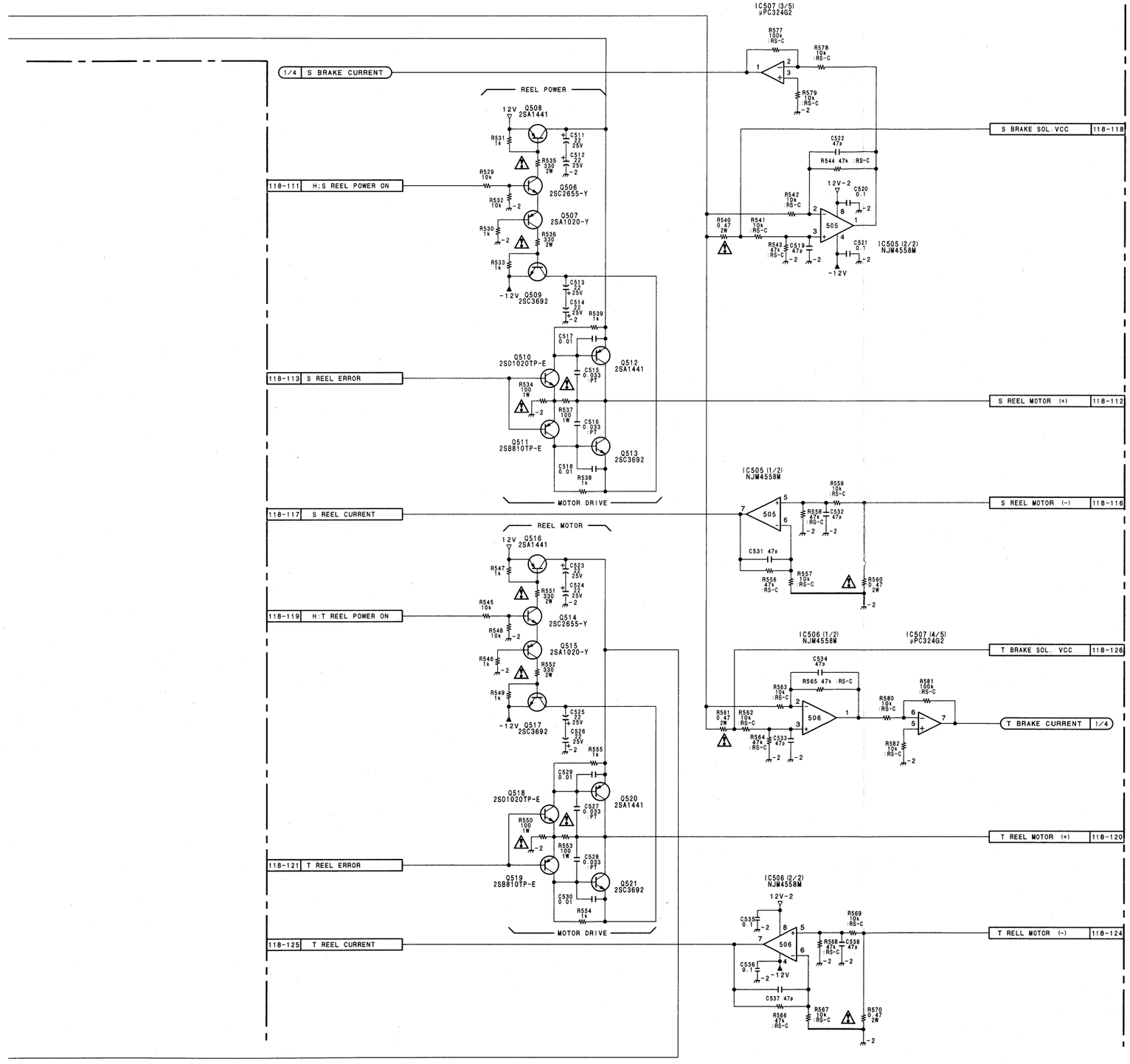




SV-161 (3/4) : SERVO SYSTEM

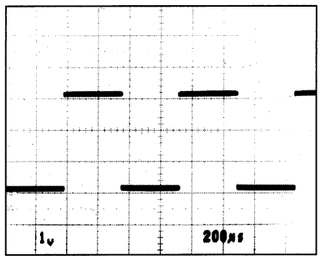


SV-161 (3/4)

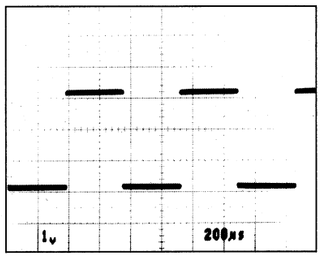

1/4 S BRAKE CURRENT
REEL POWER
12V Q508 2SA1441
118-111 H:S REEL POWER ON
Q506 2SC2655-Y
Q507 2SA1020-Y
-12V Q509 2SC3692
MOTOR DRIVE
118-113 S REEL ERROR
Q510 2SD1020TP-E
Q511 2SB810TP-E
Q512 2SA1441
Q513 2SC3692
118-117 S REEL CURRENT
REEL MOTOR
12V Q516 2SA1441
118-119 H:T REEL POWER ON
Q514 2SC2655-Y
Q515 2SA1020-Y
-12V Q517 2SC3692
MOTOR DRIVE
118-121 T REEL ERROR
Q518 2SD1020TP-E
Q519 2SB810TP-E
Q520 2SA1441
Q521 2SC3692
118-125 T REEL CURRENT
IC507 (3/5) μPC324G2
IC505 (2/2) NJM4558M
S BRAKE SOL VCC 118-118
IC505 (1/2) NJM4558M
S REEL MOTOR (+) 118-112
S REEL MOTOR (-) 118-116
IC506 (1/2) NJM4558M
IC507 (4/5) μPC324G2
T BRAKE SOL VCC 118-126
T BRAKE CURRENT 1/4
T REEL MOTOR (+) 118-120
IC506 (2/2) NJM4558M
T RELL MOTOR (-) 118-124
IC504 (2/3) NJM4558M
IC507 (5/5) μPC324G2

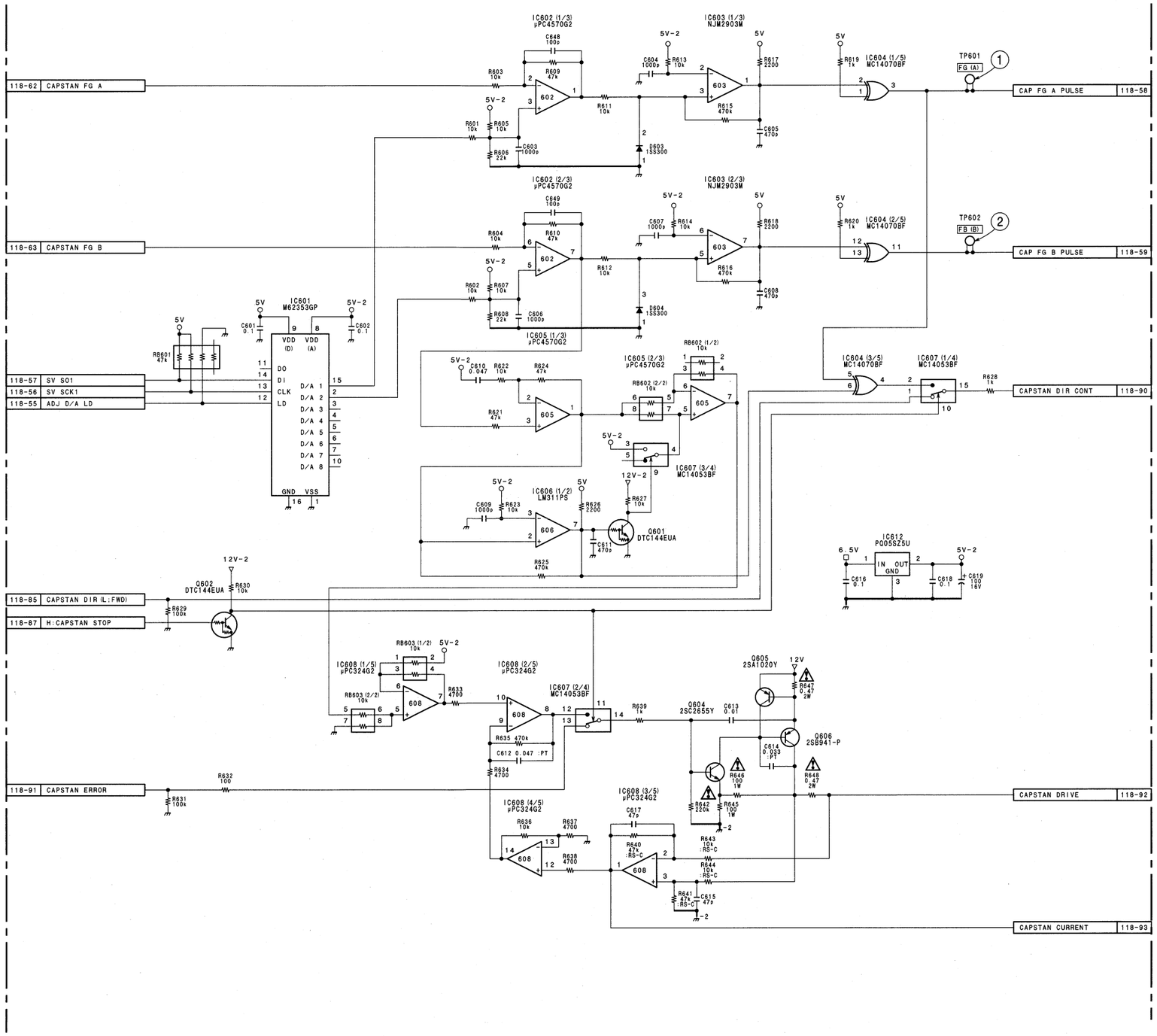
SV-161 (4/4) : SERVO SYSTEM

① TP601 MODE: REC/PB

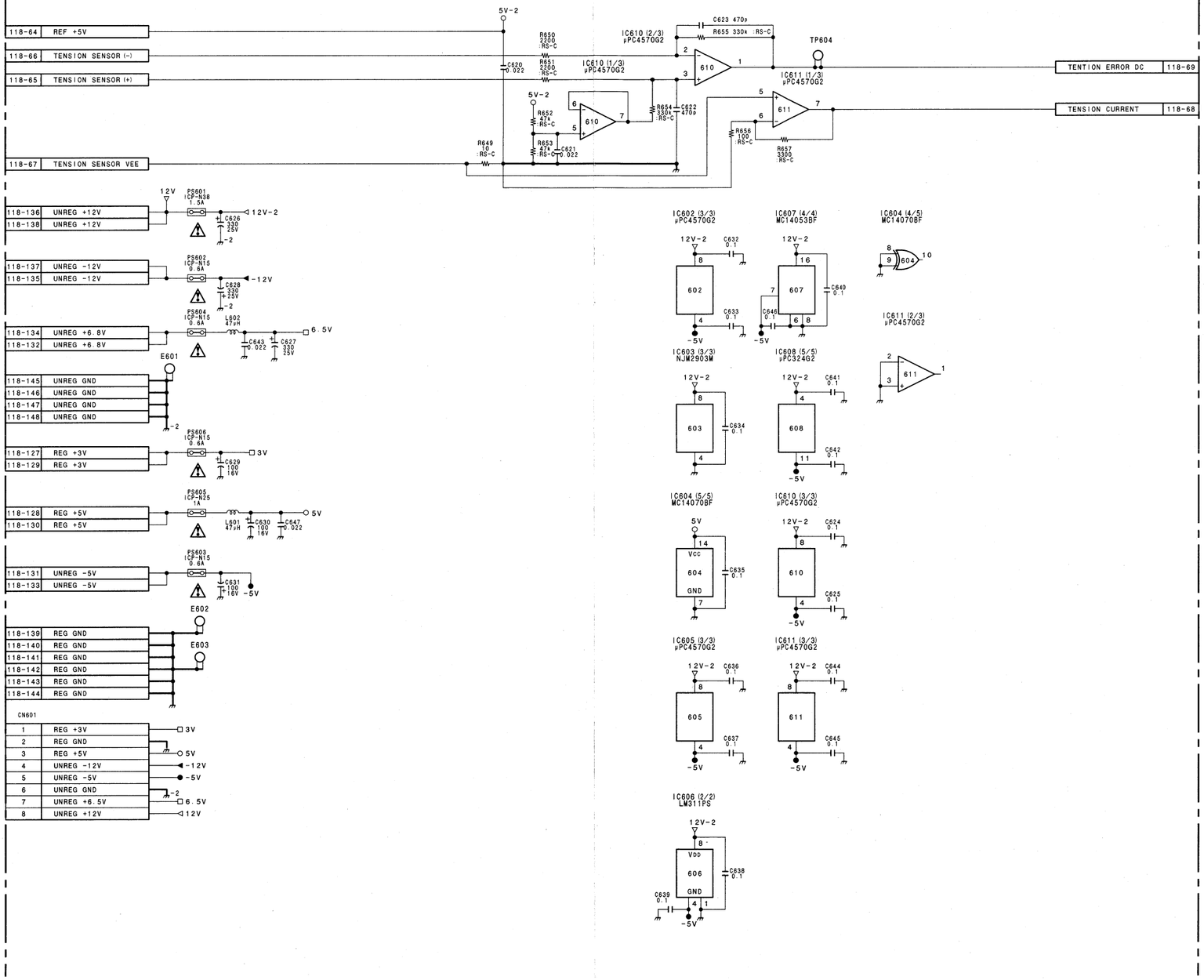


② TP602 MODE: REC/PB





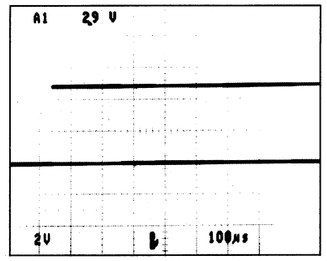
SV-161 (4/4)


118-64 REF +5V
118-66 TENSION SENSOR (-)
118-65 TENSION SENSOR (+)
118-67 TENSION SENSOR VEE
5V-2
R650 2200 RS-C
R651 2200 RS-C
C620 0.022
IC610 (2/3) μPC4570G2
IC610 (1/3) μPC4570G2
C623 470p
R655 330x RS-C
TP604
610
IC611 (1/3) μPC4570G2
TENTION ERROR DC 118-69
R652 47x RS-C
R653 47x RS-C
C621 0.022
R649 1Ω RS-C
R654 330x RS-C
C622 470p
611
R656 100 RS-C
R657 330Ω RS-C
TENSION CURRENT 118-68
12V
118-136 UNREG +12V
118-138 UNREG +12V
PS601 ICP-N38 1.5A
C626 330 25V
12V-2
118-137 UNREG -12V
118-135 UNREG -12V
PS602 ICP-N15 0.6A
C628 330 25V
-12V
118-134 UNREG +6.8V
118-132 UNREG +6.8V
PS604 ICP-N15 0.6A
L602 47μH
C643 0.022
C627 330 25V
6.5V
E601
118-145 UNREG GND
118-146 UNREG GND
118-147 UNREG GND
118-148 UNREG GND
118-127 REG +3V
118-129 REG +3V
PS606 ICP-N15 0.6A
C629 100 16V
3V
118-128 REG +5V
118-130 REG +5V
PS605 ICP-N25 1A
L601 47μH
C630 100 16V
C647 0.022
5V
118-131 UNREG -5V
118-133 UNREG -5V
PS603 ICP-N15 0.6A
C631 100 16V
-5V
E602
E603
118-139 REG GND
118-140 REG GND
118-141 REG GND
118-142 REG GND
118-143 REG GND
118-144 REG GND
CN601
1 REG +3V
2 REG GND
3 REG +5V
4 UNREG -12V
5 UNREG -5V
6 UNREG GND
7 UNREG +6.5V
8 UNREG +12V
IC602 (3/3) μPC4570G2
IC607 (4/4) MC14053BF
IC604 (4/5) MC14070BF
602
607
604
C632 0.1
C633 0.1
C640 0.1
C646 0.1
IC611 (2/3) μPC4570G2
611
IC603 (3/3) NJM2903M
IC608 (5/5) μPC324G2
603
608
C634 0.1
C641 0.1
C642 0.1
IC604 (5/5) MC14070BF
IC610 (3/3) μPC4570G2
604
610
C635 0.1
C624 0.1
C625 0.1
IC605 (3/3) μPC4570G2
IC611 (3/3) μPC4570G2
605
611
C636 0.1
C637 0.1
C644 0.1
C645 0.1
IC606 (2/2) LM311PS
606
C638 0.1
C639 0.1

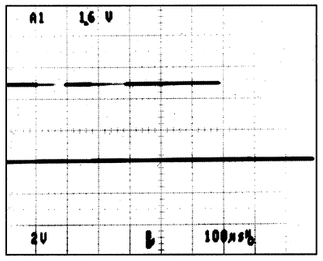
SY-220 : SYSTEM CONTROL

SY-220 (3/8)

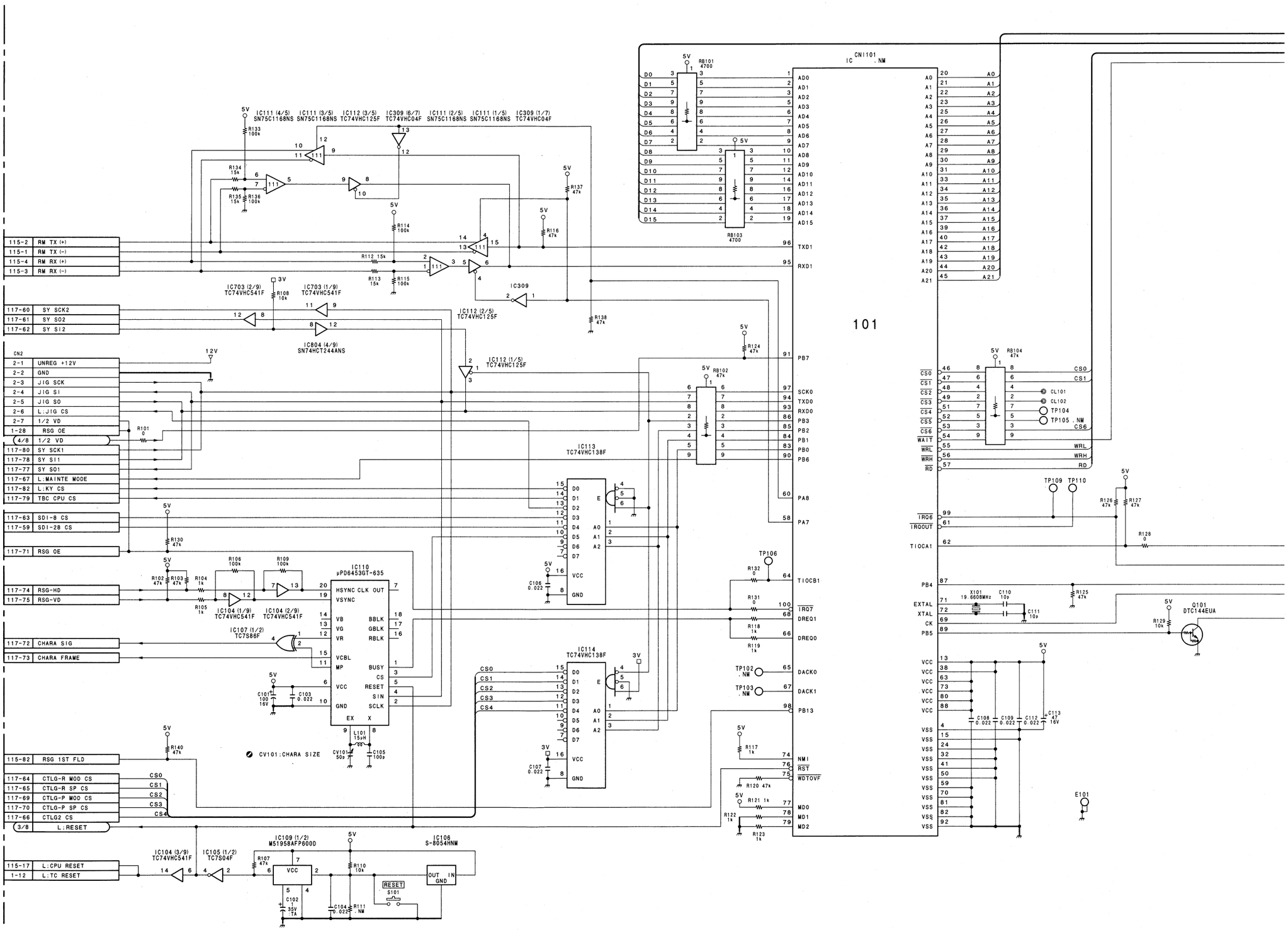
① TP305 MODE: REC/EE/PB



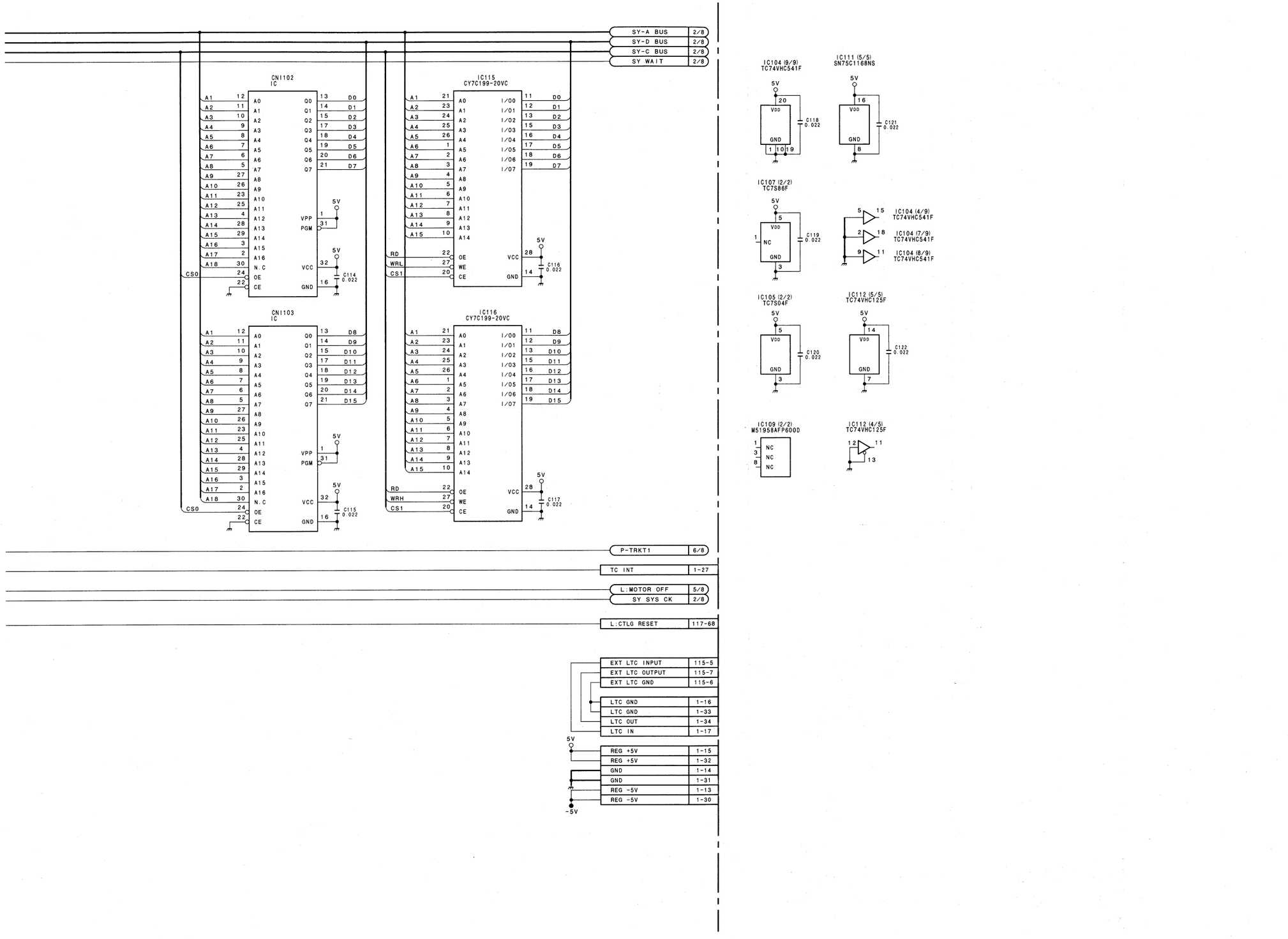
② TP306 MODE: REC/EE/PB



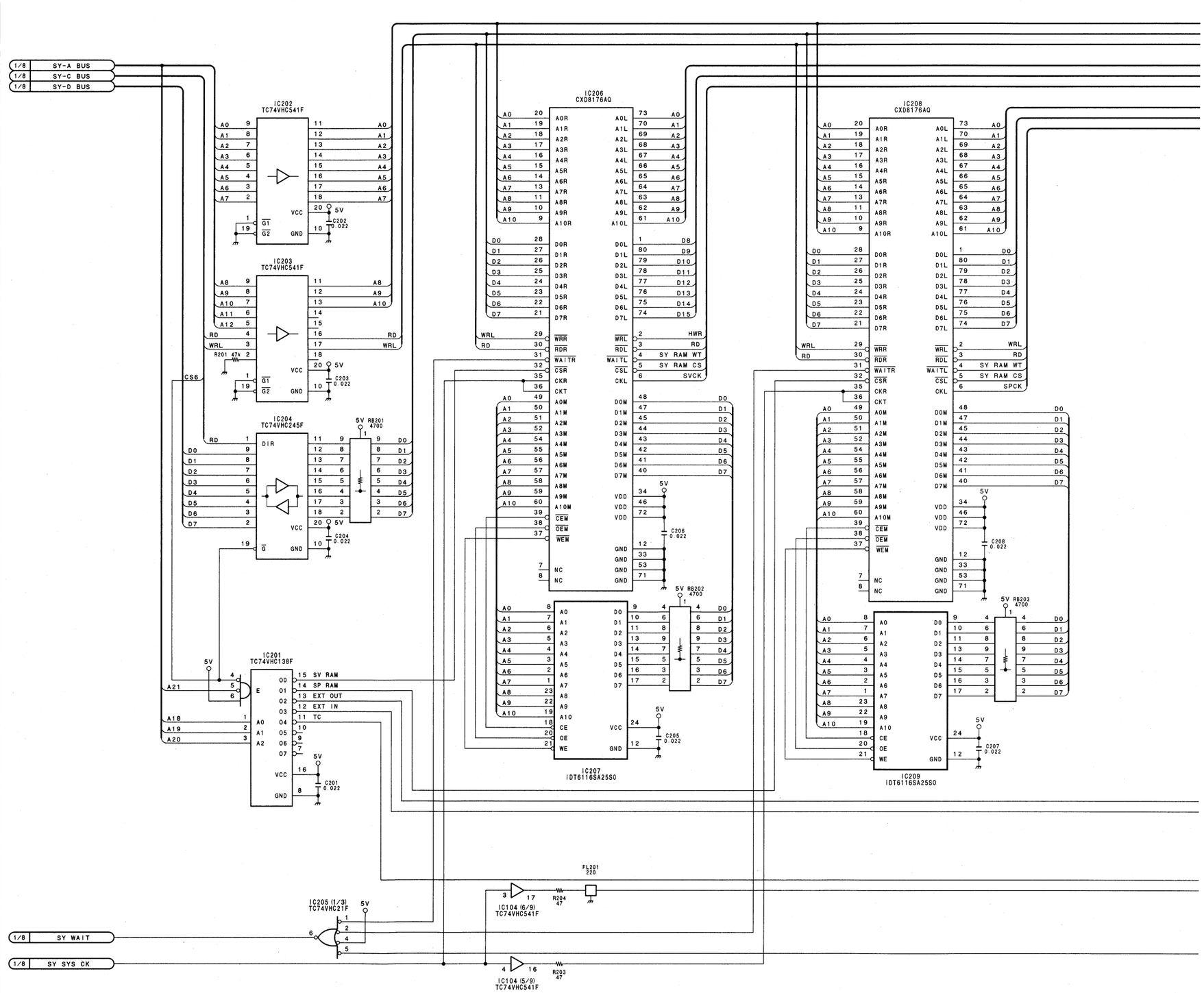
SY-220 (1/8) : SYSTEM CONTROL



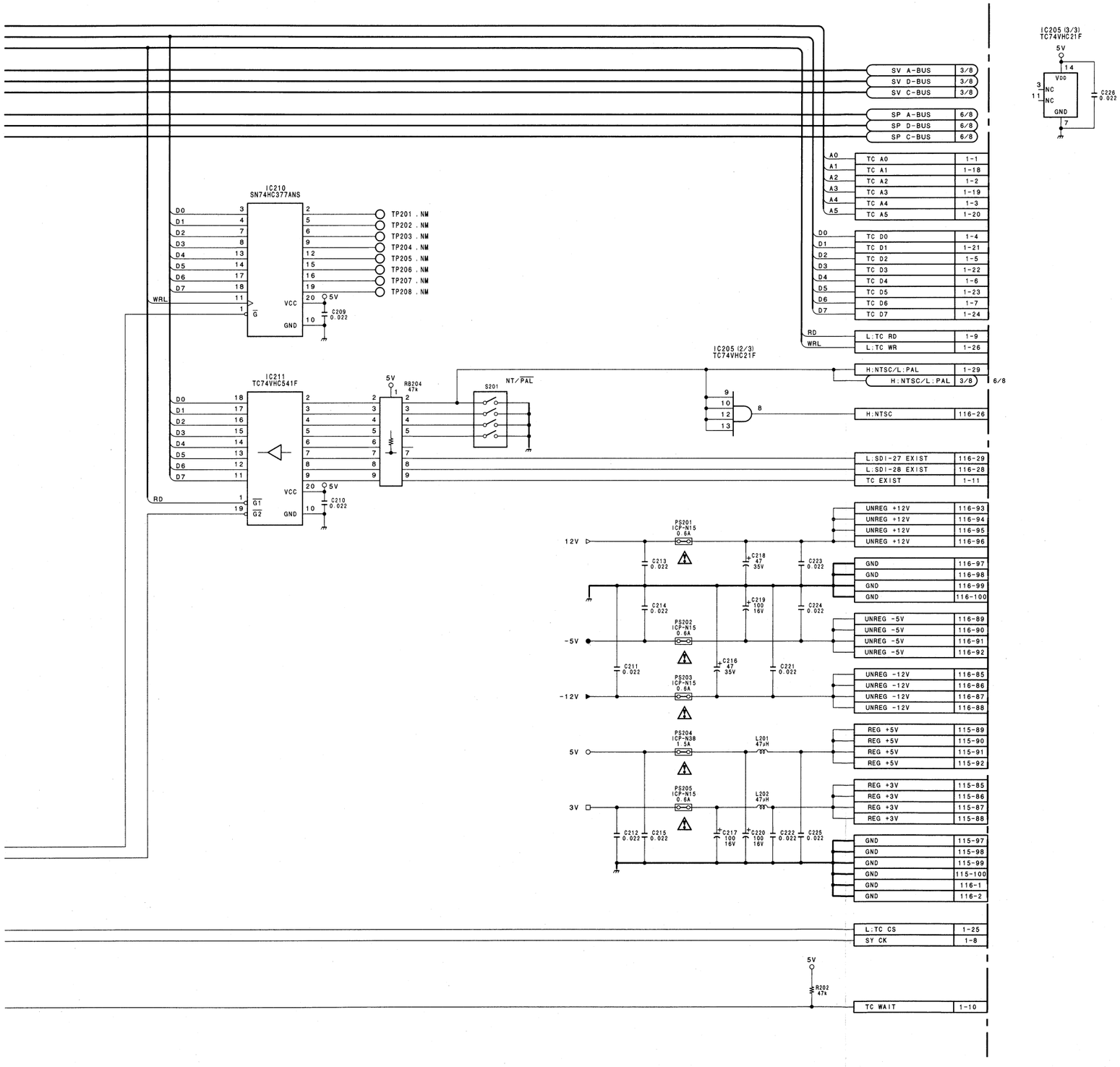
SY-220 (1/8)


SY-A BUS 2/8
SY-D BUS 2/8
SY-C BUS 2/8
SY WAIT 2/8
CN1102
IC
CN1103
IC
IC115
CY7C199-20VC
IC116
CY7C199-20VC
5V
VPP
PGM
VCC
GND
OE
CE
WE
RD
WRL
WRH
CS0
CS1
C114 0.022
C115 0.022
C116 0.022
C117 0.022
P-TRKT1 6/8
TC INT 1-27
L:MOTOR OFF 5/8
SY SYS CK 2/8
L:CTLG RESET 117-68
EXT LTC INPUT 115-5
EXT LTC OUTPUT 115-7
EXT LTC GND 115-6
LTC GND 1-16
LTC GND 1-33
LTC OUT 1-34
LTC IN 1-17
REG +5V 1-15
REG +5V 1-32
GND 1-14
GND 1-31
REG -5V 1-13
REG -5V 1-30
-5V
IC104 (9/9) TC74VHC541F
IC111 (5/5) SN75C1168NS
IC107 (2/2) TC7S86F
IC104 (4/9) TC74VHC541F
IC104 (7/9) TC74VHC541F
IC104 (8/9) TC74VHC541F
IC105 (2/2) TC7S04F
IC112 (5/5) TC74VHC125F
IC109 (2/2) M51958AFP600D
IC112 (4/5) TC74VHC125F
VDD
GND
NC
C118 0.022
C119 0.022
C120 0.022
C121 0.022
C122 0.022

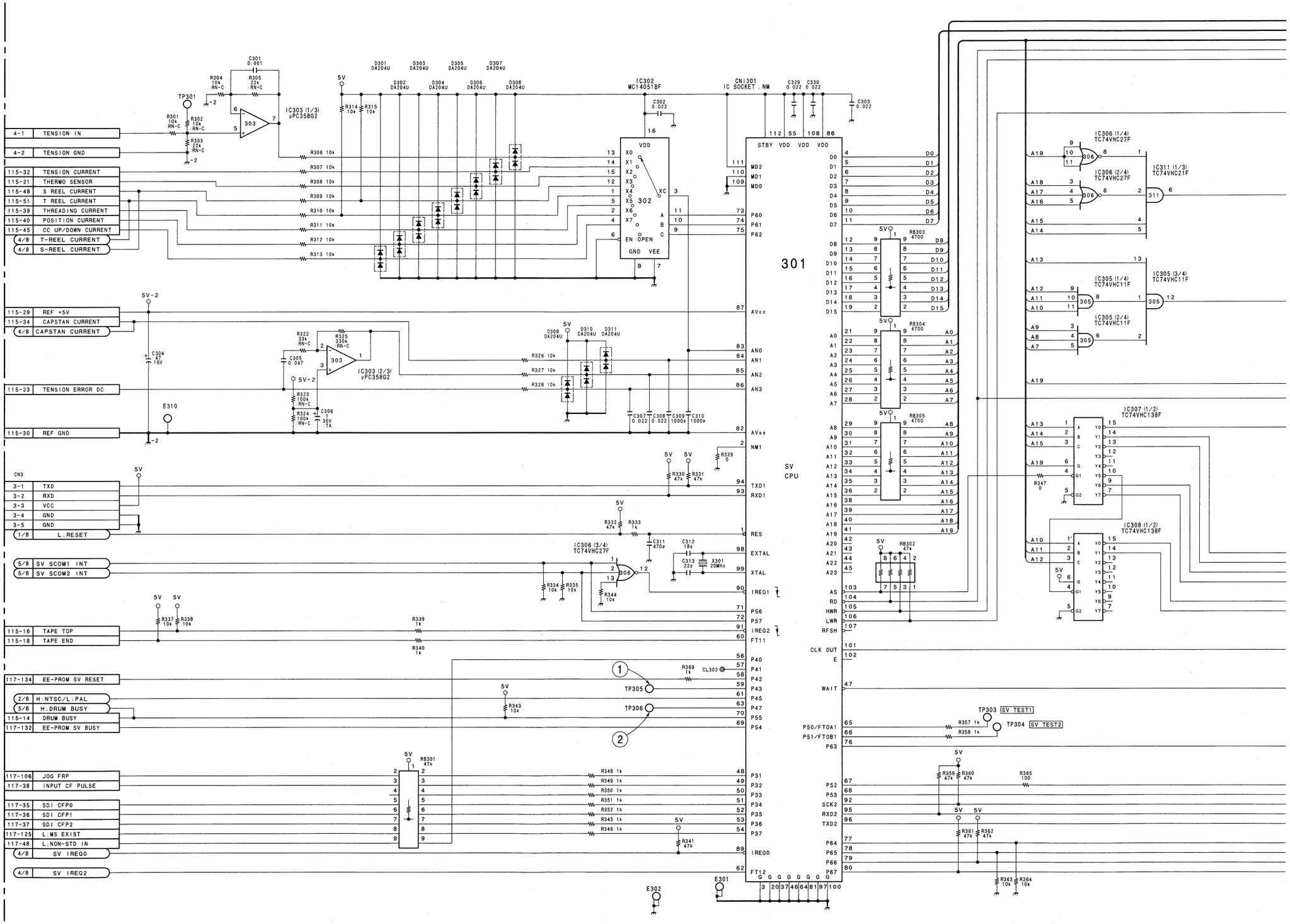
SY-220 (2/8) : SYSTEM CONTROL



SY-220 (2/8)


IC210
SN74HC377ANS
D0
D1
D2
D3
D4
D5
D6
D7
WRL
VCC
GND
5V
C209
0.022
TP201 . NM
TP202 . NM
TP203 . NM
TP204 . NM
TP205 . NM
TP206 . NM
TP207 . NM
TP208 . NM
IC211
TC74VHC541F
RD
C210
0.022
RB204
47k
S201
NT/PAL
IC205 (2/3)
TC74VHC21F
H:NTSC/L:PAL
H:NTSC
L:SDI-27 EXIST
L:SDI-28 EXIST
TC EXIST
PS201
ICP-N15
0.5A
PS202
ICP-N15
0.5A
PS203
ICP-N15
0.5A
PS204
ICP-N38
1.5A
PS205
ICP-N15
0.5A
12V
-5V
-12V
5V
3V
C213
0.022
C214
0.022
C211
0.022
C212
0.022
C215
0.022
C218
47
35V
C219
100
16V
C216
47
35V
C217
100
16V
C223
0.022
C224
0.022
C221
0.022
C220
100
16V
C222
0.022
C225
0.022
L201
47μH
L202
47μH
R202
47k
TC WAIT
L:TC CS
SY CK
SV A-BUS 3/8
SV D-BUS 3/8
SV C-BUS 3/8
SP A-BUS 6/8
SP D-BUS 6/8
SP C-BUS 6/8
TC A0 1-1
TC A1 1-18
TC A2 1-2
TC A3 1-19
TC A4 1-3
TC A5 1-20
TC D0 1-4
TC D1 1-21
TC D2 1-5
TC D3 1-22
TC D4 1-6
TC D5 1-23
TC D6 1-7
TC D7 1-24
L:TC RD 1-9
L:TC WR 1-26
H:NTSC/L:PAL 3/8
H:NTSC 116-26
L:SDI-27 EXIST 116-29
L:SDI-28 EXIST 116-28
TC EXIST 1-11
UNREG +12V 116-93
UNREG +12V 116-94
UNREG +12V 116-95
UNREG +12V 116-96
GND 116-97
GND 116-98
GND 116-99
GND 116-100
UNREG -5V 116-89
UNREG -5V 116-90
UNREG -5V 116-91
UNREG -5V 116-92
UNREG -12V 116-85
UNREG -12V 116-86
UNREG -12V 116-87
UNREG -12V 116-88
REG +5V 115-89
REG +5V 115-90
REG +5V 115-91
REG +5V 115-92
REG +3V 115-85
REG +3V 115-86
REG +3V 115-87
REG +3V 115-88
GND 115-97
GND 115-98
GND 115-99
GND 115-100
GND 116-1
GND 116-2
L:TC CS 1-25
SY CK 1-8
TC WAIT 1-10
IC205 (3/3)
TC74VHC21F
VCC
NC
NC
GND
C226
0.022

SY-220 (3/8) : SYSTEM CONTROL



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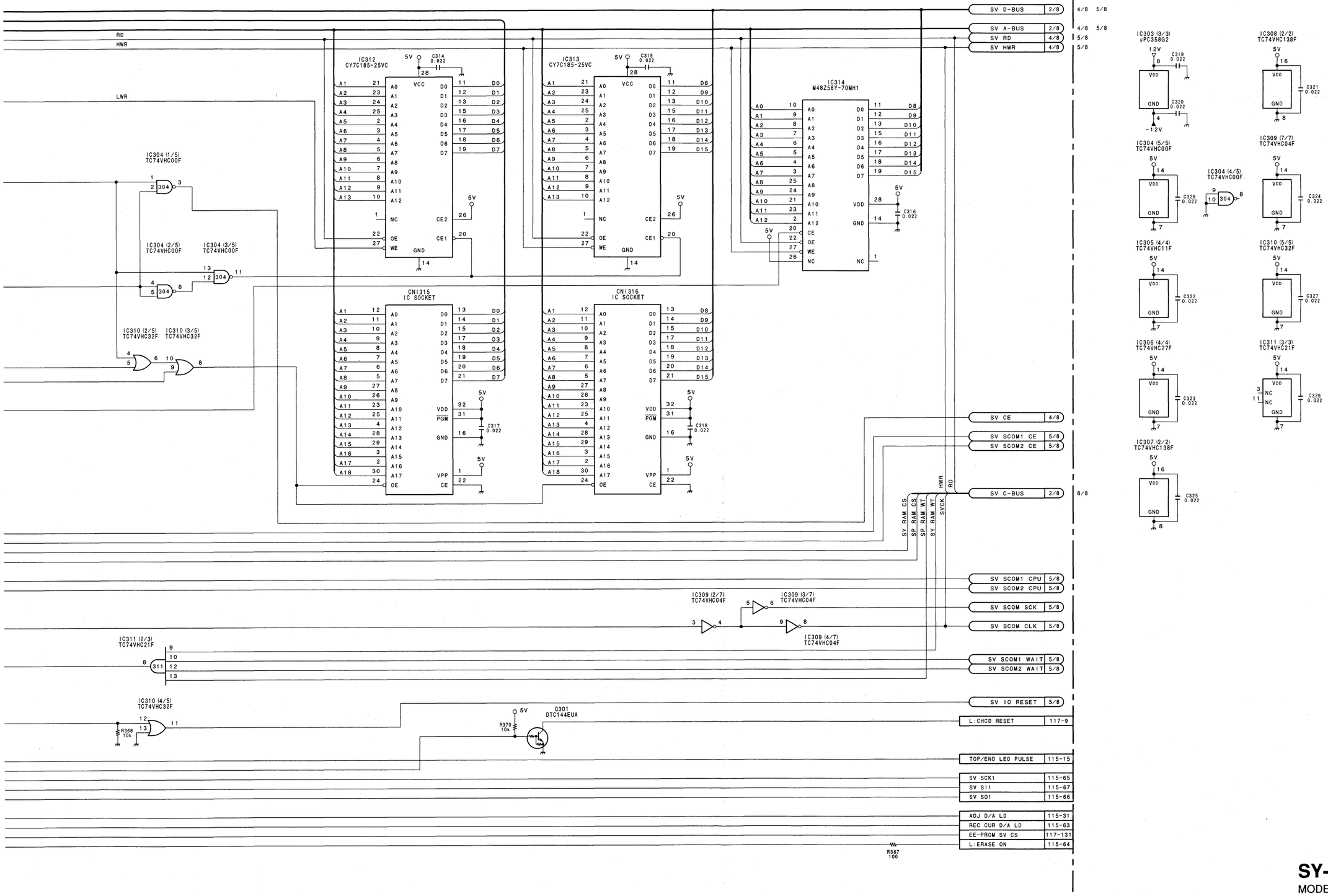
DSR-85/85P

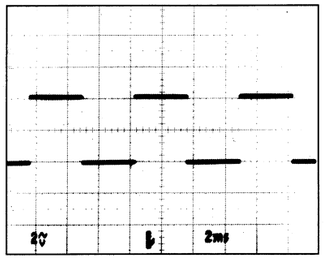
SY-220 (3/8)

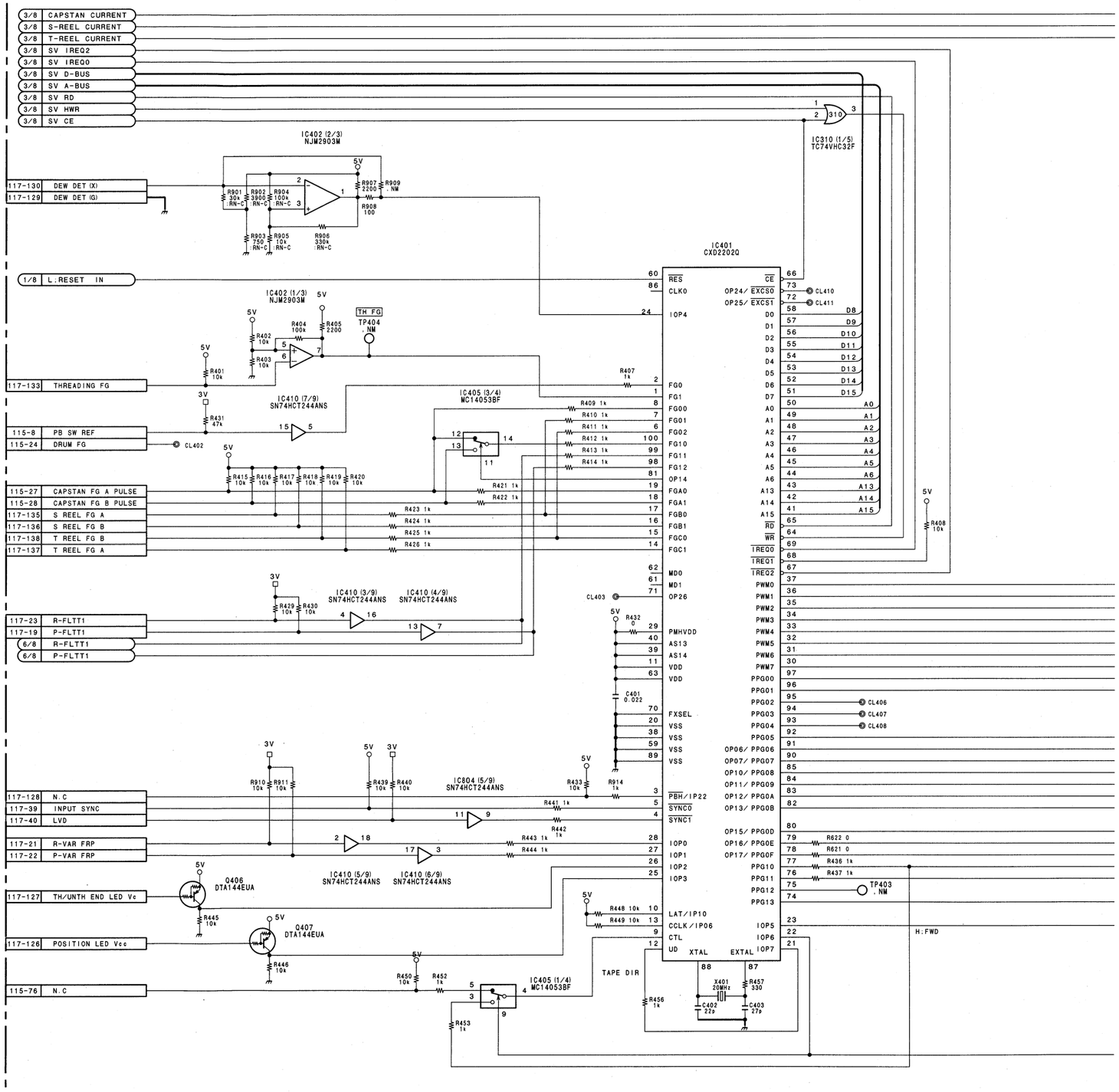

RD
HWR
LWR
IC312 CY7C185-25VC
IC313 CY7C185-25VC
IC314 M48Z58Y-70MH1
CN1315 IC SOCKET
CN1316 IC SOCKET
IC304 (1/5) TC74VHC00F
IC304 (2/5) TC74VHC00F
IC304 (3/5) TC74VHC00F
IC310 (2/5) TC74VHC32F
IC310 (3/5) TC74VHC32F
IC311 (2/3) TC74VHC21F
IC310 (4/5) TC74VHC32F
IC309 (2/7) TC74VHC04F
IC309 (3/7) TC74VHC04F
IC309 (4/7) TC74VHC04F
IC303 (3/3) μPC358G2
IC308 (2/2) TC74VHC138F
IC304 (5/5) TC74VHC00F
IC304 (4/5) TC74VHC00F
IC309 (7/7) TC74VHC04F
IC305 (4/4) TC74VHC11F
IC310 (5/5) TC74VHC32F
IC306 (4/4) TC74VHC27F
IC311 (3/3) TC74VHC21F
IC307 (2/2) TC74VHC138F
Q301 DTC144EUA
R368 10k
R370 10k
R367 100
SV D-BUS 2/8
SV A-BUS 2/8
SV RD 4/8
SV HWR 4/8
SV CE 4/8
SV SCOM1 CE 5/8
SV SCOM2 CE 5/8
SV C-BUS 2/8
SV SCOM1 CPU 5/8
SV SCOM2 CPU 5/8
SV SCOM SCK 5/8
SV SCOM CLK 5/8
SV SCOM1 WAIT 5/8
SV SCOM2 WAIT 5/8
SV IO RESET 5/8
L:CHCD RESET 117-9
TOP/END LED PULSE 115-15
SV SCK1 115-65
SV SI1 115-67
SV SO1 115-66
ADJ D/A LD 115-31
REC CUR D/A LD 115-63
EE-PROM SV CS 117-131
L:ERASE ON 115-64
SV RAM CS
SP RAM CS
SP RAM WT
SY RAM WT
SVCK
HWR
RD

SY-220 (4/8)

SY-220 (4/8) : SYSTEM CONTROL

① TP402 MODE: REC/PB





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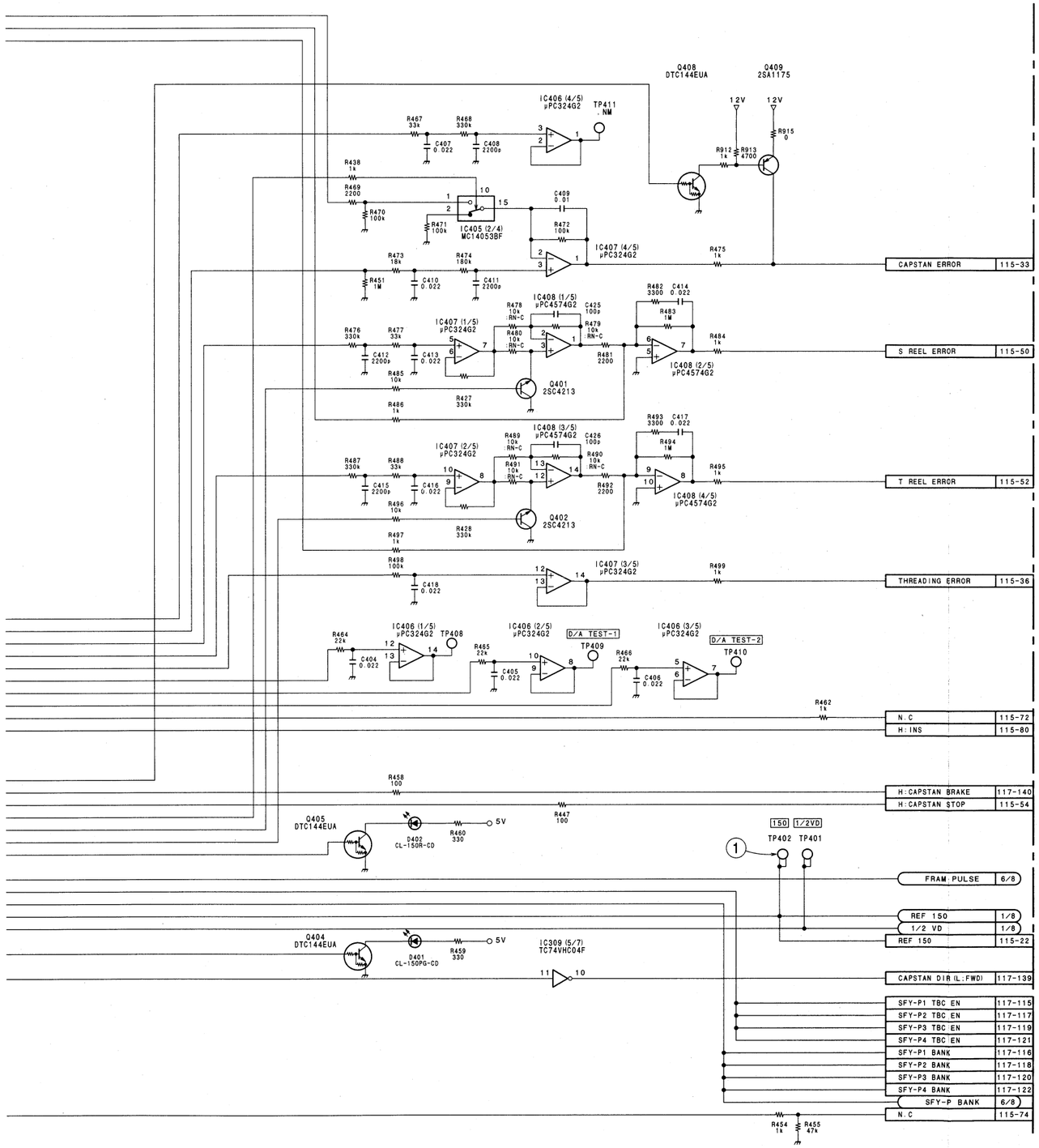
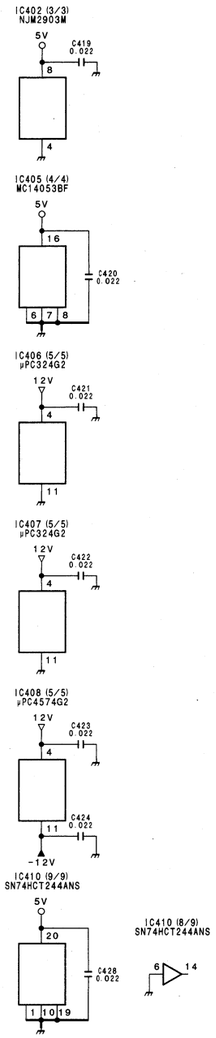
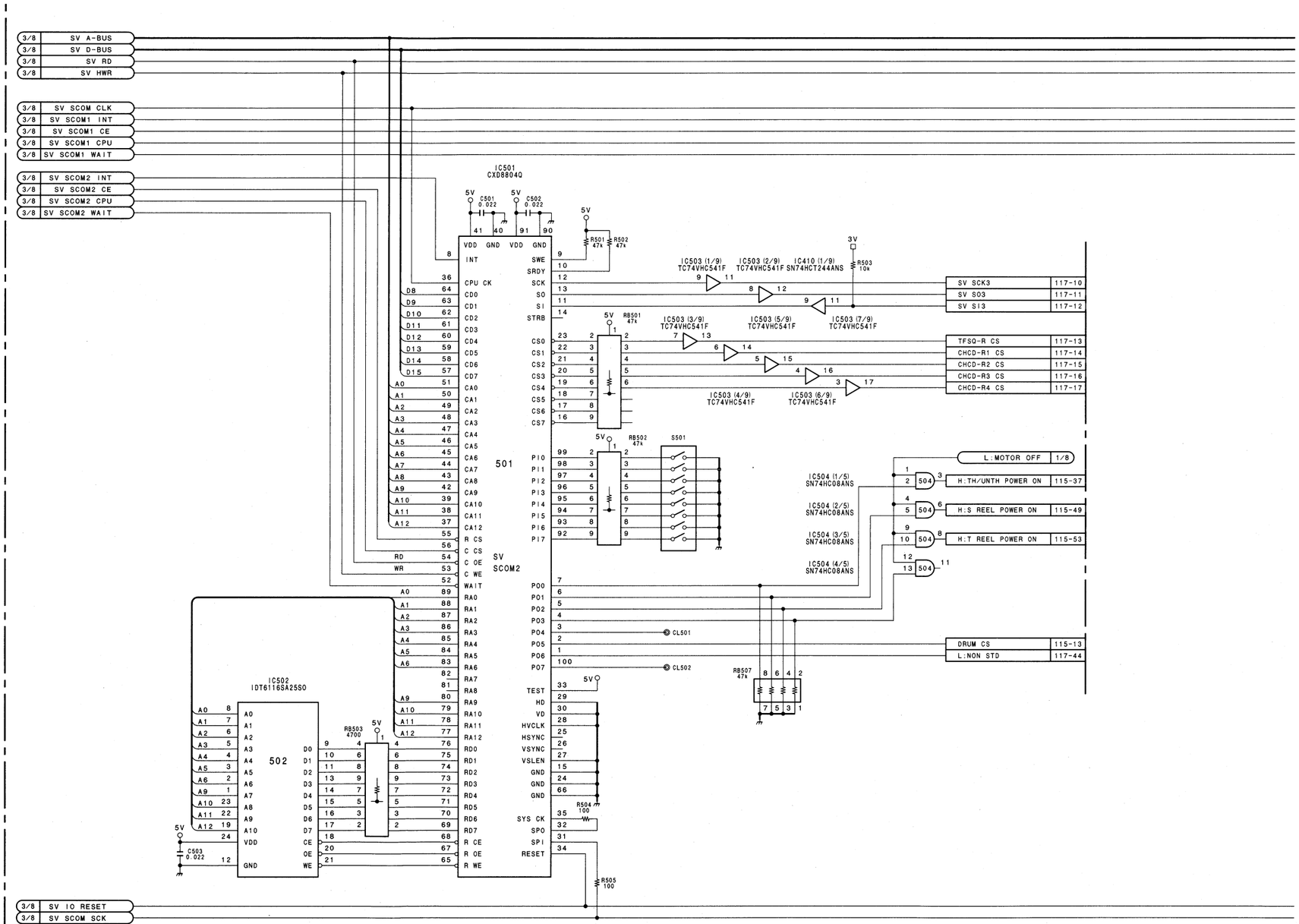
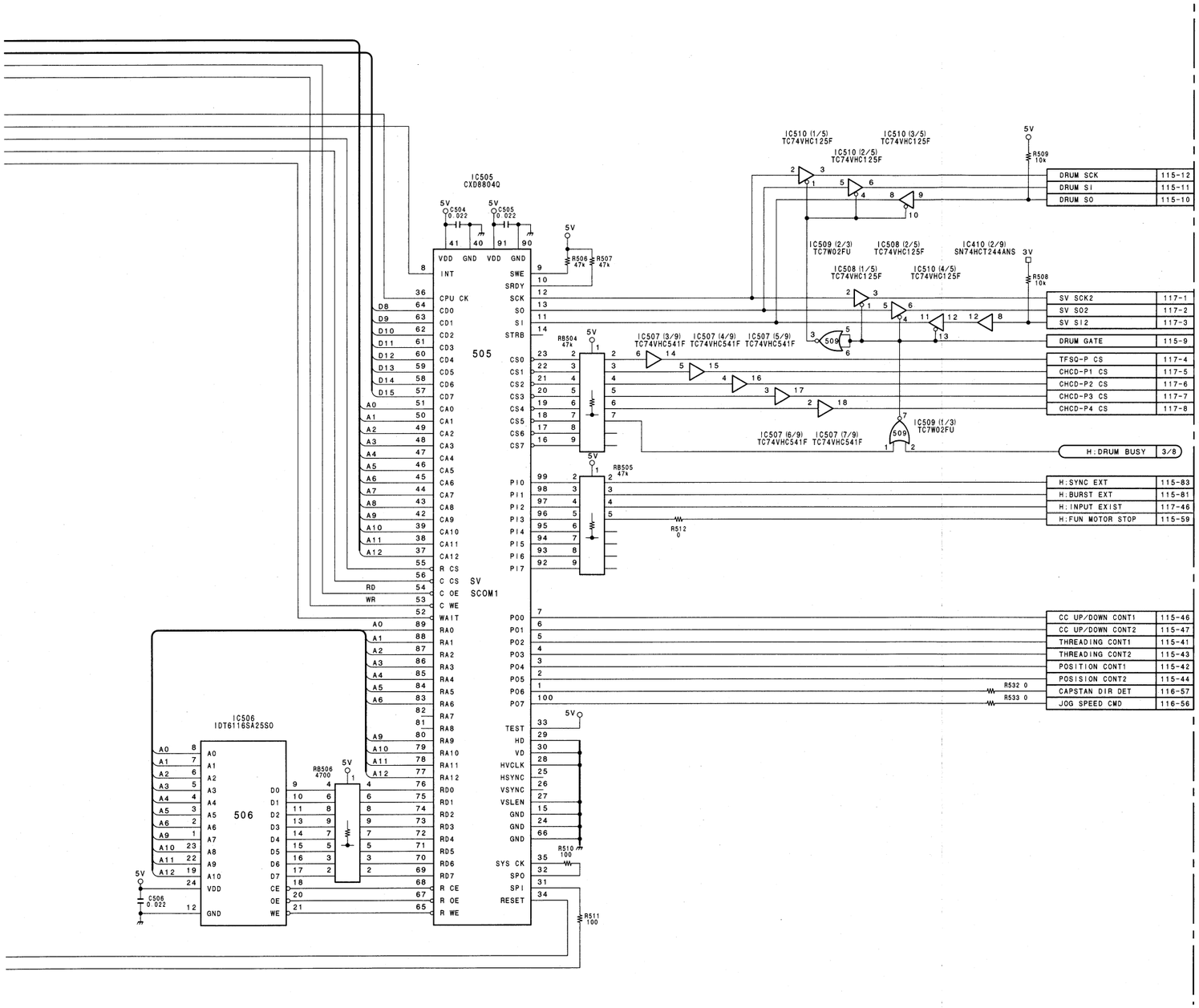

Q408 DTC144EUA
Q409 2SA1175
IC406 (4/5) µPC324G2
TP411 NM
1.2V
1.2V
R915 0
R912 1k
R913 4700
R467 33k
R468 330k
C407 0.022
C408 2200p
R438 1k
R469 2200
R470 100k
R471 100k
IC405 (2/4) MC14053BF
C409 0.01
R472 100k
IC407 (4/5) µPC324G2
R475 1k
CAPSTAN ERROR 115-33
R473 18k
R474 180k
R451 1M
C410 0.022
C411 2200p
IC408 (1/5) µPC4574G2
C425 100p
R478 10k :RN-C
R479 10k :RN-C
R480 10k :RN-C
R482 3300
C414 0.022
R483 1M
IC407 (1/5) µPC324G2
R476 330k
R477 33k
C412 2200p
C413 0.022
R485 10k
R481 2200
R484 1k
IC408 (2/5) µPC4574G2
S REEL ERROR 115-50
Q401 2SC4213
R427 330k
R486 1k
IC408 (3/5) µPC4574G2
C426 100p
R489 10k :RN-C
R491 10k :RN-C
R490 10k :RN-C
R493 3300
C417 0.022
R494 1M
IC407 (2/5) µPC324G2
R487 330k
R488 33k
C415 2200p
C416 0.022
R496 10k
R492 2200
R495 1k
IC408 (4/5) µPC4574G2
T REEL ERROR 115-52
Q402 2SC4213
R428 330k
R497 1k
R498 100k
C418 0.022
IC407 (3/5) µPC324G2
R499 1k
THREADING ERROR 115-36
IC406 (1/5) µPC324G2
TP408
IC406 (2/5) µPC324G2
D/A TEST-1
TP409
IC406 (3/5) µPC324G2
D/A TEST-2
TP410
R464 22k
C404 0.022
R465 22k
C405 0.022
R466 22k
C406 0.022
R462 1k
N.C 115-72
H:INS 115-80
R458 100
R447 100
H:CAPSTAN BRAKE 117-140
H:CAPSTAN STOP 115-54
Q405 DTC144EUA
D402 CL-150R-CD
R460 330
5V
150
1/2VD
TP402
TP401
FRAM PULSE 6/8
REF 150 1/8
1/2 VD 1/8
REF 150 115-22
6/8
6/8
Q404 DTC144EUA
D401 CL-150PG-CD
R459 330
5V
IC309 (5/7) TC74VHC04F
CAPSTAN DIR (L:FWD) 117-139
SFY-P1 TBC EN 117-115
SFY-P2 TBC EN 117-117
SFY-P3 TBC EN 117-119
SFY-P4 TBC EN 117-121
SFY-P1 BANK 117-116
SFY-P2 BANK 117-118
SFY-P3 BANK 117-120
SFY-P4 BANK 117-122
SFY-P BANK 6/8
N.C 115-74
R454 1k
R455 47k

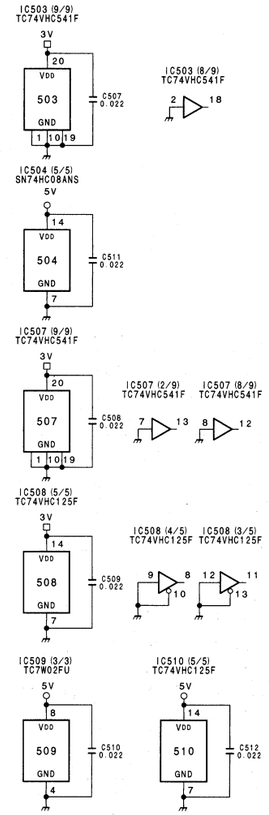

IC402 (3/3) NJM2903M
5V
C419 0.022
IC405 (4/4) MC14053BF
C420 0.022
IC406 (5/5) µPC324G2
1.2V
C421 0.022
IC407 (5/5) µPC324G2
C422 0.022
IC408 (5/5) µPC4574G2
C423 0.022
C424 0.022
-12V
IC410 (9/9) SN74HCT244ANS
C428 0.022
IC410 (8/9) SN74HCT244ANS

SY-220 (5/8) : SYSTEM CONTROL

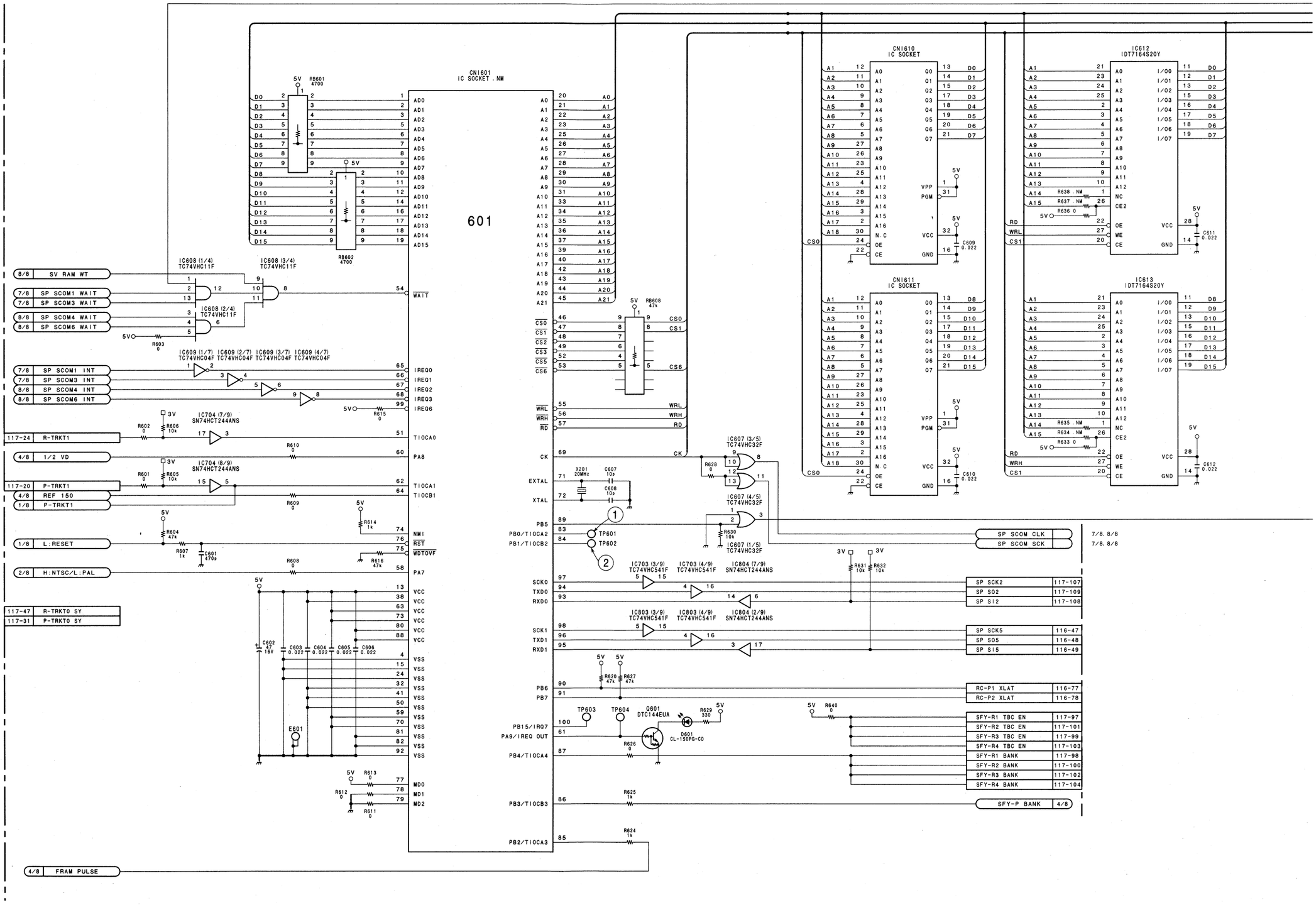


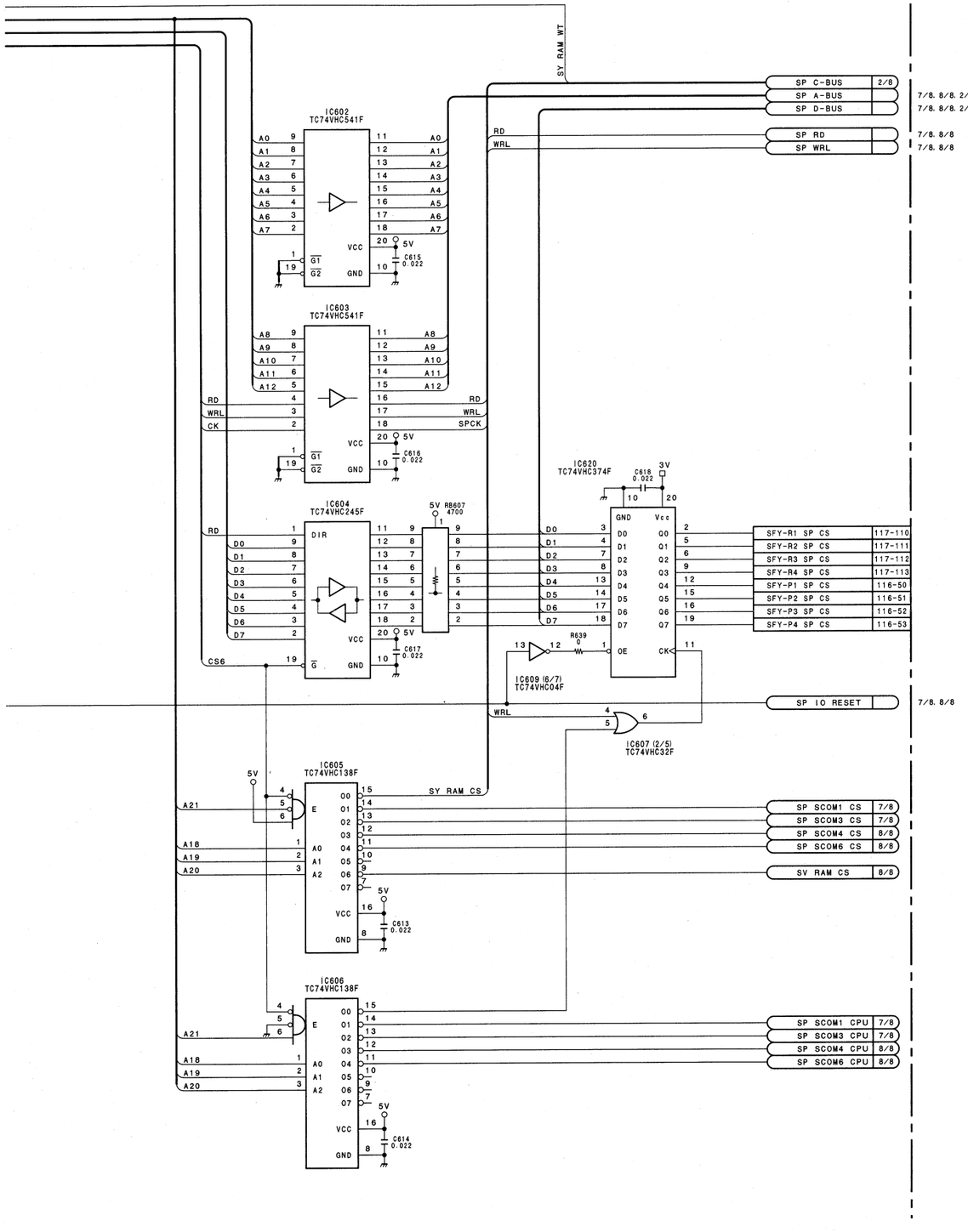
SY-220 (5/8)


IC505
CXD8804Q
505
VDD GND VDD GND
INT
CPU CK
D8 D9 D10 D11 D12 D13 D14 D15
A0 A1 A2 A3 A4 A5 A6 A7 A8 A9 A10 A11 A12
R CS
C CS
C OE
C WE
WR
RD
WAIT
SWE
SRDY
SCK
SO
SI
STRB
CS0 CS1 CS2 CS3 CS4 CS5 CS6 CS7
P10 P11 P12 P13 P14 P15 P16 P17
P00 P01 P02 P03 P04 P05 P06 P07
TEST
HD
VD
HVCLK
HSYNC
VSYNC
VSLEN
SYS CK
SPO
SPI
RESET
SV
SCOM1
IC506
IDT6116SA25SO
506
R CE
R OE
R WE
C504 0.022
C505 0.022
C506 0.022
R506 47k
R507 47k
RB504 47k
RB505 47k
RB506 4700
R510 100
R511 100
R512 0
R532 0
R533 0
IC510 (1/5) TC74VHC125F
IC510 (3/5) TC74VHC125F
IC510 (2/5) TC74VHC125F
IC509 (2/3) TC7W02FU
IC508 (2/5) TC74VHC125F
IC410 (2/9) SN74HCT244ANS
IC508 (1/5) TC74VHC125F
IC510 (4/5) TC74VHC125F
IC507 (3/9) TC74VHC541F
IC507 (4/9) TC74VHC541F
IC507 (5/9) TC74VHC541F
IC507 (6/9) TC74VHC541F
IC507 (7/9) TC74VHC541F
IC509 (1/3) TC7W02FU
R509 10k
R508 10k
DRUM SCK 115-12
DRUM SI 115-11
DRUM SO 115-10
SV SCK2 117-1
SV SO2 117-2
SV SI2 117-3
DRUM GATE 115-9
TFSG-P CS 117-4
CHCD-P1 CS 117-5
CHCD-P2 CS 117-6
CHCD-P3 CS 117-7
CHCD-P4 CS 117-8
H:DRUM BUSY 3/8
H:SYNC EXT 115-83
H:BURST EXT 115-81
H:INPUT EXIST 117-46
H:FUN MOTOR STOP 115-59
CC UP/DOWN CONT1 115-46
CC UP/DOWN CONT2 115-47
THREADING CONT1 115-41
THREADING CONT2 115-43
POSITION CONT1 115-42
POSISION CONT2 115-44
CAPSTAN DIR DET 116-57
JOG SPEED CMD 116-56

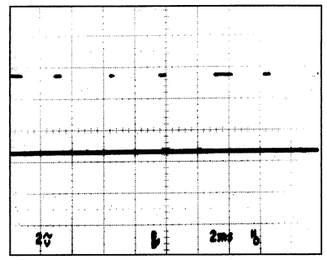

IC503 (9/9) TC74VHC541F
IC503 (8/9) TC74VHC541F
IC504 (5/5) SN74HC08ANS
IC507 (9/9) TC74VHC541F
IC507 (2/9) TC74VHC541F
IC507 (8/9) TC74VHC541F
IC508 (5/5) TC74VHC125F
IC508 (4/5) TC74VHC125F
IC508 (3/5) TC74VHC125F
IC509 (3/3) TC7W02FU
IC510 (5/5) TC74VHC125F
C507 0.022
C508 0.022
C509 0.022
C510 0.022
C511 0.022
C512 0.022

SY-220 (6/8) : SYSTEM CONTROL

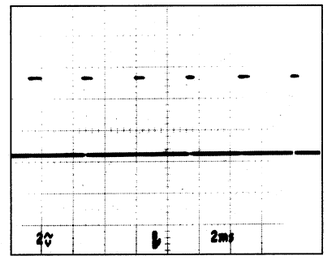




① TP601 MODE:REC/PB

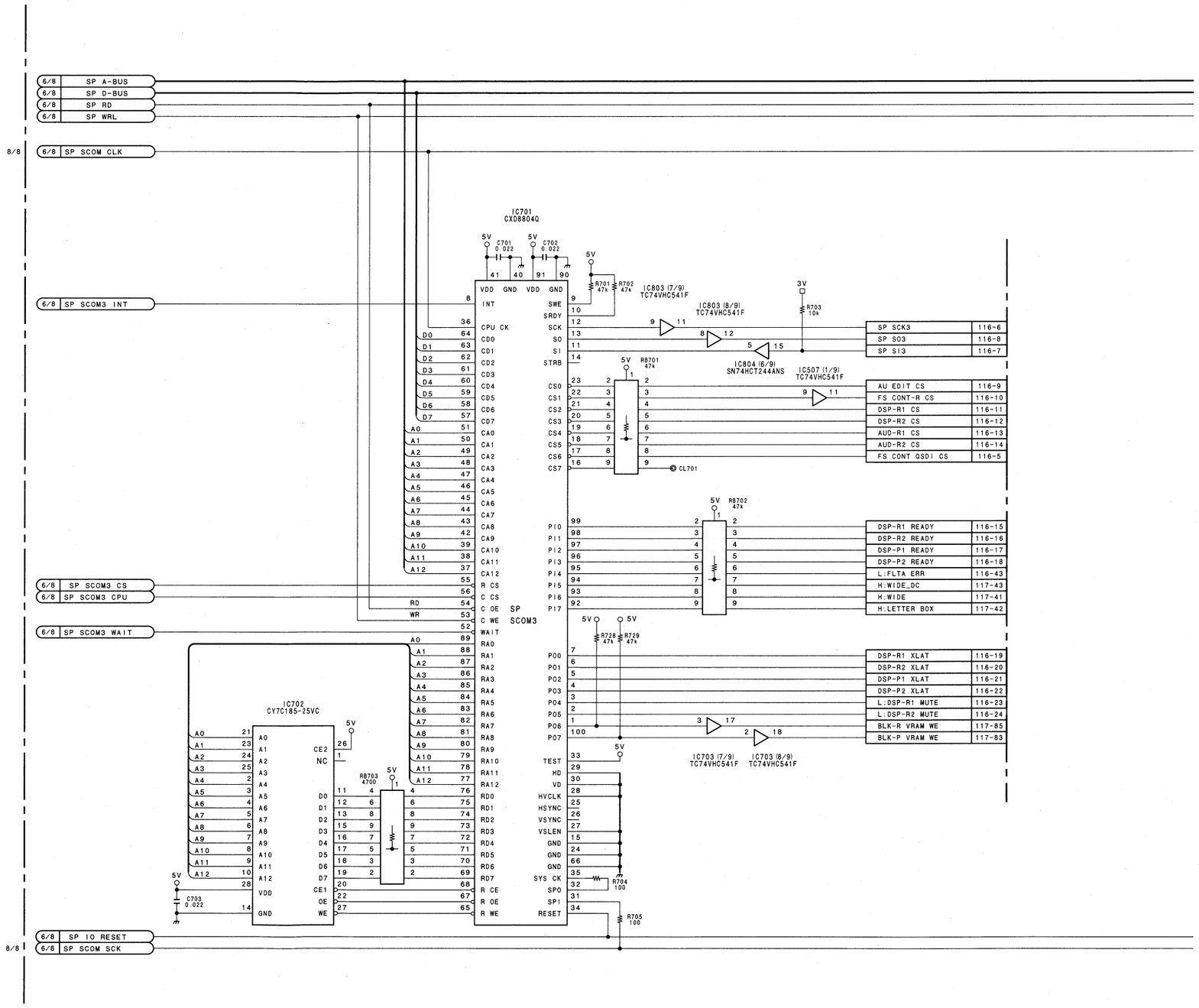


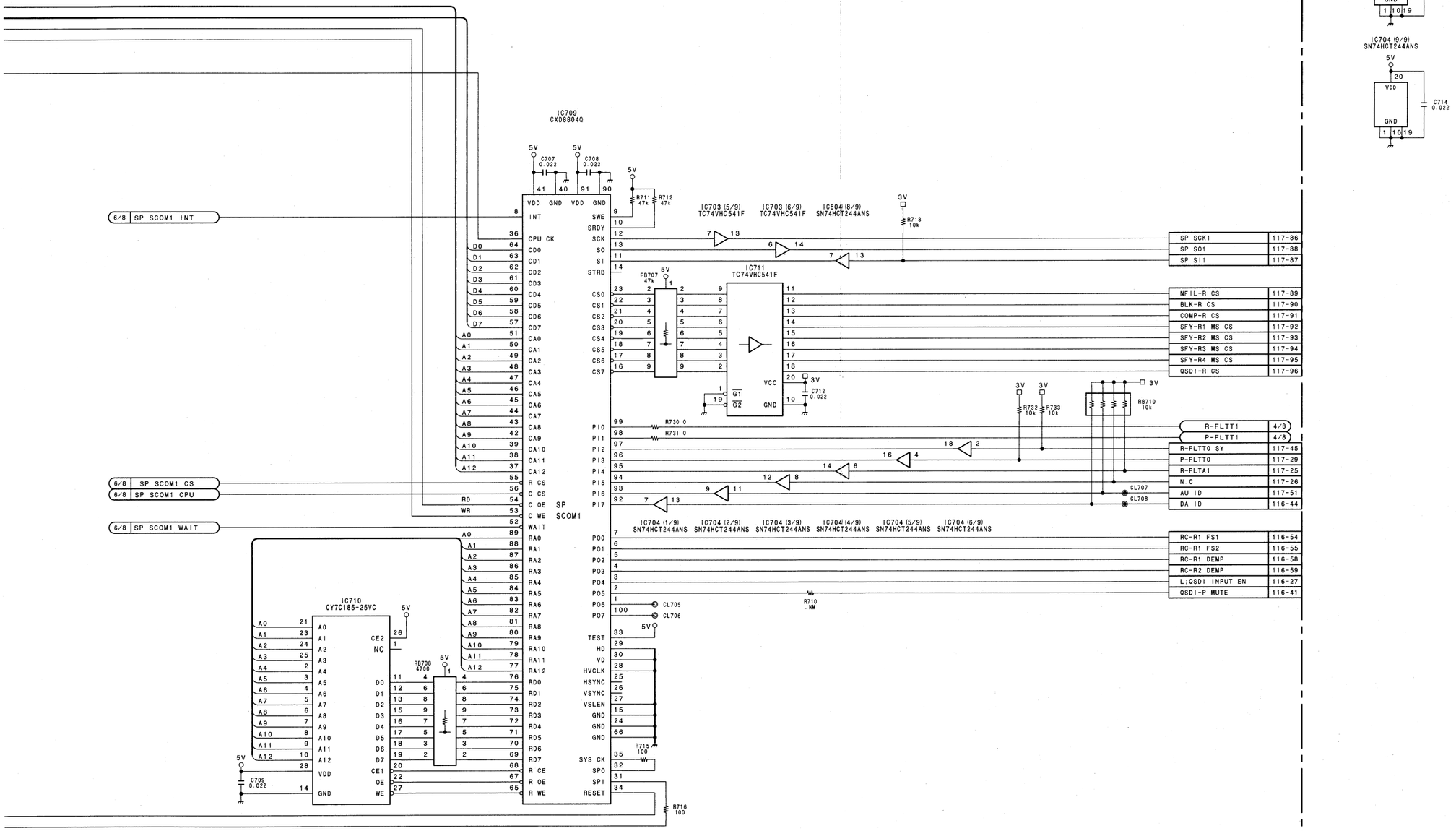
② TP602 MODE: REC/PB



SY-220 (6/8)
MODEL DSR-85/85P

SY-220 (7/8) : SYSTEM CONTROL




IC709
CXD8804Q
IC710
CY7C185-25VC
IC711
TC74VHC541F
IC703 (5/9)
TC74VHC541F
IC703 (6/9)
TC74VHC541F
IC804 (8/9)
SN74HCT244ANS
IC703 (9/9)
TC74VHC541F
IC704 (9/9)
SN74HCT244ANS
6/8 SP SCOM1 INT
6/8 SP SCOM1 CS
6/8 SP SCOM1 CPU
6/8 SP SCOM1 WAIT
SP SCK1 117-86
SP SO1 117-88
SP SI1 117-87
NFIL-R CS 117-89
BLK-R CS 117-90
COMP-R CS 117-91
SFY-R1 MS CS 117-92
SFY-R2 MS CS 117-93
SFY-R3 MS CS 117-94
SFY-R4 MS CS 117-95
QSDI-R CS 117-96
R-FLTT1 4/8
P-FLTT1 4/8
R-FLTT0 SY 117-45
P-FLTT0 117-29
R-FLTA1 117-25
N.C 117-26
AU ID 117-51
DA ID 116-44
RC-R1 FS1 116-54
RC-R1 FS2 116-55
RC-R1 DEMP 116-58
RC-R2 DEMP 116-59
L:QSDI INPUT EN 116-27
QSDI-P MUTE 116-41

SY-220 (8/8) : SYSTEM CONTROL

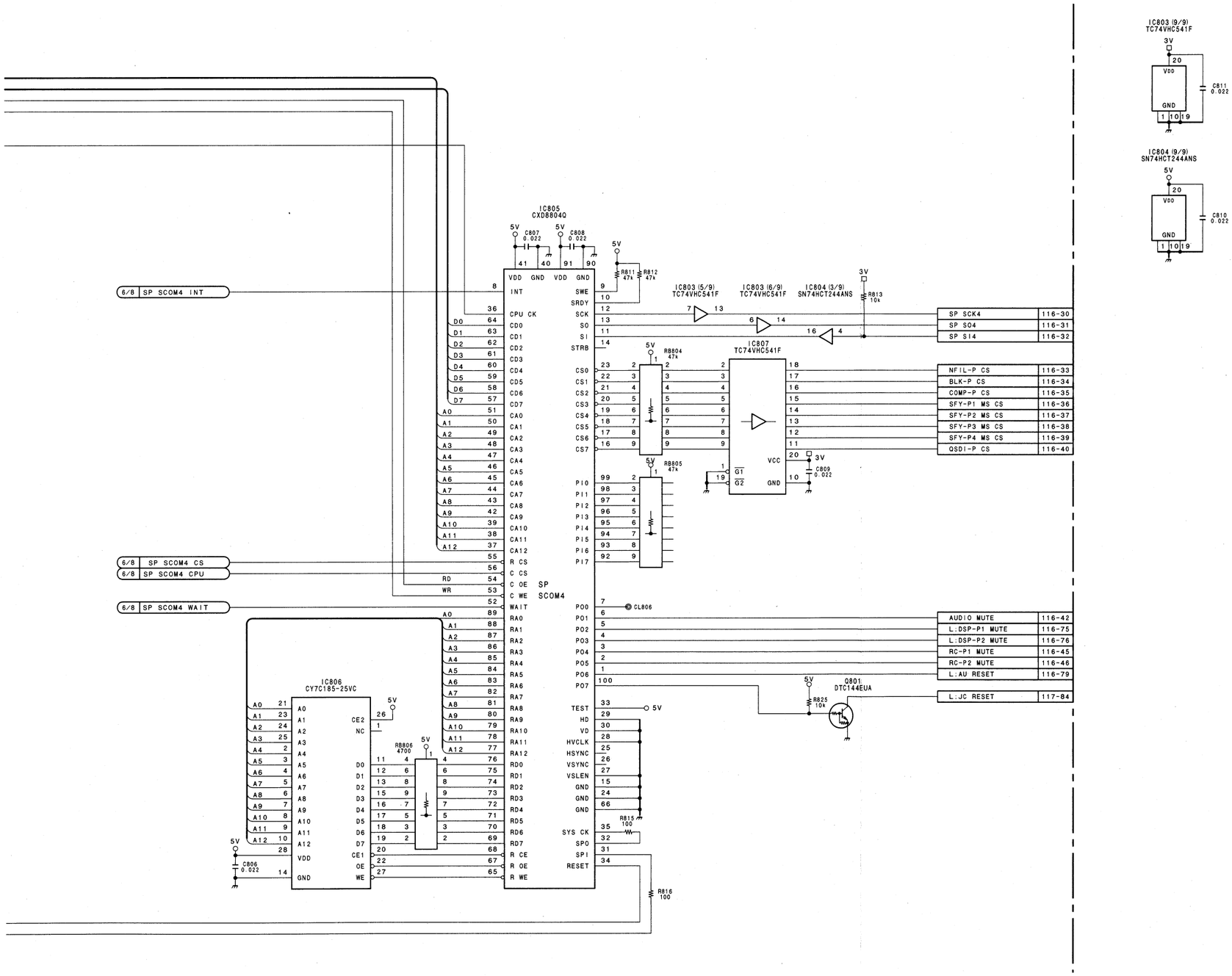
6/8 SP A-BUS
6/8 SP D-BUS
6/8 SP RD
6/8 SP WRL
6/8 SP SCOM CLK
6/8 SV RAM WT
6/8 SV RAM CS
6/8 SP SCOM6 INT
6/8 SP SCOM6 CS
6/8 SP SCOM6 CPU
6/8 SP SCOM6 WAIT
6/8 SP IO RESET
6/8 SP SCOM SCK

IC801 CXD8804Q
C802 0.022
C803 0.022
RB801 47k
RB802 47k
IC803 (1/9) TC74VHC541F
IC803 (2/9) TC74VHC541F
R803 10k
IC804 (1/9) SN74HCT244ANS
RB801 47k
RB802 47k
RB803 4700
R804 100
R805 100
SP SCOM6

SP SCK0 116-80
SP SI0 116-81
SP SO0 116-82
SP SCK6 116-62
SP SO6 116-64
SP SI6 116-63
AU-SFY CS 116-65
JOG CS 116-66
AUD-P1 CS 116-67
AUD-P2 CS 116-68
FS CONT-P CS 116-69
DSP-P1 CS 116-70
DSP-P2 CS 116-71
MONITOR SEL1 116-72
MONITOR SEL2 116-73
MONITOR SEL FB 116-74
EDIT PLD CS 117-28
QSDI CORE R1 CS 117-52
QSDI CORE R2 CS 117-56

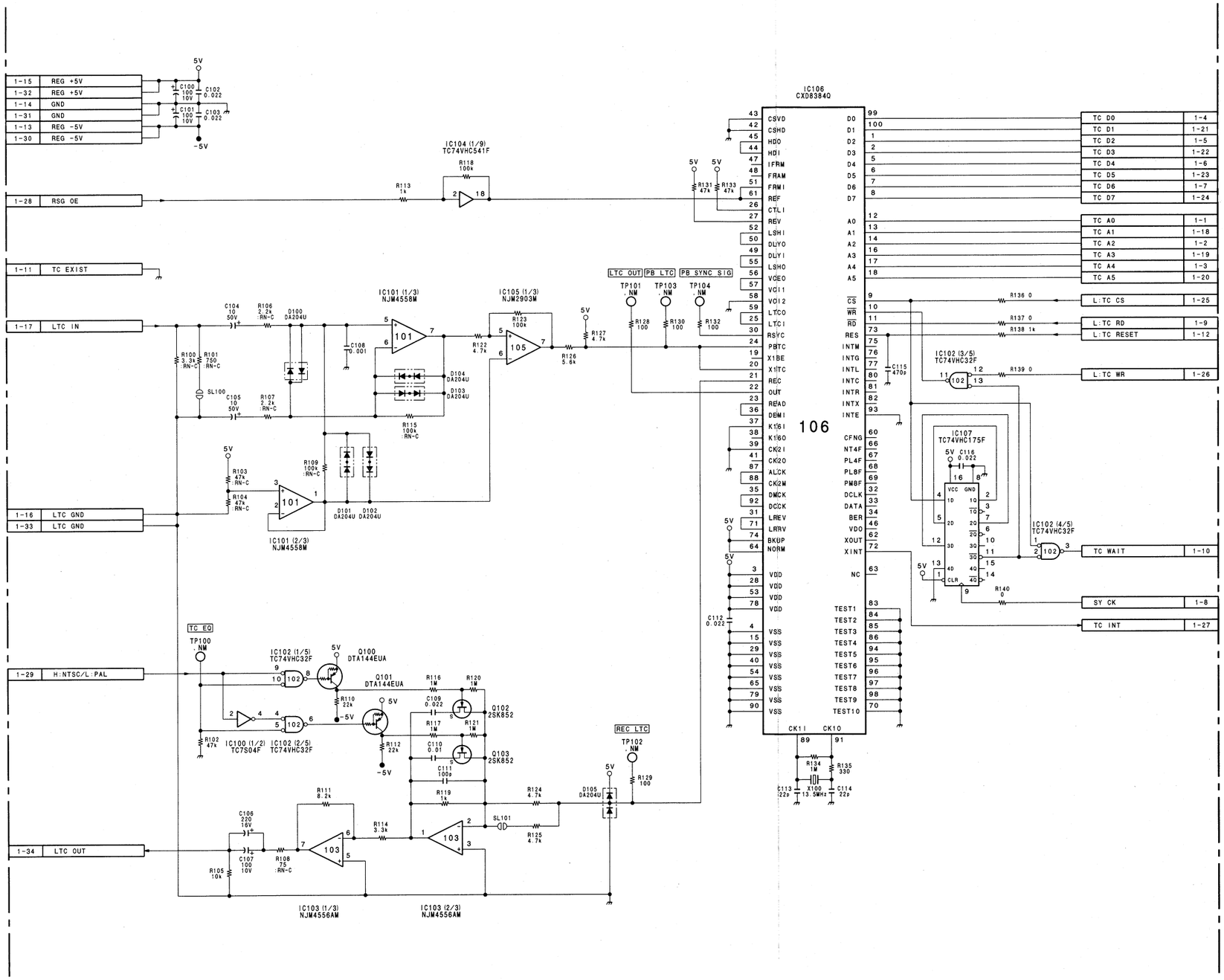
IC802 CY7C185-25VC
C801 0.022

IC808 CXD8176AQ
SV A-BUS 3/8
SV D-BUS 3/8
SV C-BUS 3/8
C805 0.022
C804 0.022
RB808 4700
IC809 IDT6116SA25SO


IC805
CXD8804Q
IC806
CY7C185-25VC
IC807
TC74VHC541F
IC803 (5/9)
TC74VHC541F
IC803 (6/9)
TC74VHC541F
IC804 (3/9)
SN74HCT244ANS
6/8 SP SCOM4 INT
6/8 SP SCOM4 CS
6/8 SP SCOM4 CPU
6/8 SP SCOM4 WAIT
SP SCOM4
SP SCK4
SP SO4
SP SI4
NFIL-P CS
BLK-P CS
COMP-P CS
SFY-P1 MS CS
SFY-P2 MS CS
SFY-P3 MS CS
SFY-P4 MS CS
QSDI-P CS
AUDIO MUTE
L:DSP-P1 MUTE
L:DSP-P2 MUTE
RC-P1 MUTE
RC-P2 MUTE
L:AU RESET
L:JC RESET
Q801
DTC144EUA
C807 0.022
C808 0.022
C809 0.022
C806 0.022
R811 47k
R812 47k
R813 10k
RB804 47k
RB805 47k
R8806 4700
R815 100
R816 100
R825 10k
CL806

IC803 (9/9)
TC74VHC541F
C811 0.022
IC804 (9/9)
SN74HCT244ANS
C810 0.022

TC-90 : EXTERNAL TIME CODE IN/OUT



MB-640 (1/13) : MOTHER BOARD

AU-238

CN101

		UNREG +15V	1	2	UNREG +15V		
		UNREG -15V	3	4	UNREG -15V		
		UNREG -15V	5	6	UNREG -15V		
		GND	7	8	GND		
100	606-3	CH-1 OUTPUT (X)	9	10	CH-1 OUTPUT (G)	606-1. 101-12	129
101	606-2	CH-1 OUTPUT (Y)	11	12	CH-1 OUTPUT (G)	606-1. 101-10	129
102	606-6	CH-2 OUTPUT (X)	13	14	CH-2 OUTPUT (G)	606-4. 101-16	130
103	606-5	CH-2 OUTPUT (Y)	15	16	CH-2 OUTPUT (G)	606-4. 101-14	130
104	606-9	CH-3 OUTPUT (X)	17	18	CH-3 OUTPUT (G)	606-7. 101-20	131
105	606-8	CH-3 OUTPUT (Y)	19	20	CH-3 OUTPUT (G)	606-7. 101-18	131
106	606-12	CH-4 OUTPUT (X)	21	22	CH-4 OUTPUT (G)	606-10. 101-24	132
107	606-11	CH-4 OUTPUT (Y)	23	24	CH-4 OUTPUT (G)	606-10. 101-22	132
108	602-8	AUDIO MONI. OUTPUT (X)	25	26	AUDIO MONI. OUTPUT (G)	602-9	133
109	116-72	MONITOR SEL 1	27	28	REG GND		
110	116-73	MONITOR SEL 2	29	30	AUDIO MUTE	116-42	134
111	116-74	MONITOR SEL FB	31	32	MAKE FLTA	103-28	899
112	103-31	PB DATA1	33	34	PB BCK AU1	103-32	135
113	103-33	PB LRCK AU1	35	36	PB256 AU1	103-34	136
114	103-35	PB DATA2	37	38	PB BCK AU2	103-36	137
115	103-37	PB LRCK AU2	39	40	PB256 AU2	103-38	138
116	116-60	RC-P1 DEMP	41	42	GND		
117	116-45	RC-P1 MUTE	43	44	REG GND		
118	116-61	RC-P2 DEMP	45	46	RC-P1 XLAT	116-77	139
119	116-46	RC-P2 MUTE	47	48	RC-P2 XLAT	116-78	140
120	116-82	SP SO0	49	50	SP SCK0	116-80	141
121	116-81	SP SI0	51	52	GND		
898	117-51	AU ID	53	54	P-HCK AUDIO	114-17. 103-44	142
		GND	55	56	GND		
122	114-75	SDIA PB DT 1/2	57	58	SDIA PB DT 3/4	114-77	143
			59	60	SDIA PB BCK	114-81. 106-59	144
			61	62	SDIA PB 256FS	106-61	145
123	114-79. 106-57	SDIA PB LRCK	63	64	SDIA PB 128FS	114-83	146
		REG GND	65	66	REG GND		
124	116-43. 104-10	L:FLTA ERR	67	68	AES OUTPUT 3/4 (X)	604-10	147
125	604-12	AES OUTPUT 3/4 (G)	69	70	AES OUTPUT 3/4 (Y)	604-11	148
			71	72	AES OUTPUT 1/2 (X)	604-7	149
126	604-9	AES OUTPUT 1/2 (G)	73	74	AES OUTPUT 1/2 (Y)	604-8	150
			75	76	AES INPUT 3/4 (X)	604-4	151
127	604-6	AES INPUT 3/4 (G)	77	78	AES INPUT 3/4 (Y)	604-5	152
			79	80	AES INPUT 1/2 (X)	604-1	153
128	604-3	AES INPUT 1/2 (G)	81	82	AES INPUT 1/2 (Y)	604-2	154
		GND	83	84	GND		
		REG +3V	85	86	REG +3V		
		REG +3V	87	88	REG +3V		
		REG +5V	89	90	REG +5V		
		REG +5V	91	92	REG +5V		
		UNREG +6.8V	93	94	UNREG +6.8V		
		UNREG +6.8V	95	96	UNREG +6.8V		
		GND	97	98	GND		
		GND	99	100	GND		

AU-238

CN102

		GND	1	2	GND		
155	116-64. 104-3	SP SO6	3	4	SP SO3	116-8. 104-4	192
156	116-63. 104-5	SP SI6	5	6	SP SI3	116-7. 104-6	193
157	116-62. 104-7	SP SCK6	7	8	SP SCK3	116-6. 104-8	194
158	116-79. 104-9	L:AU RESET	9	10	FS CONT-R CS	116-10	195
159	109-56	AES C STS CHG	11	12	D1 WR	109-81. 106-82	196
160	109-83. 106-84	D1 RD	13	14	D1 ASTB	109-79. 106-80	197
161	109-75. 106-76	D1 A9	15	16	D1 A8	109-77. 106-78	198
162	109-74	AES CS	17	18	D1 AD7	109-57. 106-58	199
163	109-59. 106-60	D1 AD6	19	20	D1 AD5	109-61. 106-62	200
164	109-63. 106-64	D1 AD4	21	22	D1 AD3	109-65. 106-66	201
165	109-67. 106-68	D1 AD2	23	24	D1 AD1	109-69. 106-70	202
166	109-71. 106-72	D1 ADO	25	26	GND		
167	112-75. 104-27. 109-51. 117-23	R-FLTT1	27	28	R-SPCK AUDIO	106-19. 104-26	203
		GND	29	30	GND		
168	104-45	AES DATA1	31	32	AES BCK1	104-46	204
169	104-55	HR 20DB	33	34	AES 256F1	104-48	205
170	104-50	AES ERR1	35	36	AES LRCK1	104-47	206
171	104-56	HR 18DB	37	38	AES BCK2	104-52	207
172	104-51	AES DATA2	39	40	AES 256F2	104-54	208
173	104-49	AES ERR2	41	42	AES LRCK2	104-53	209
		REG GND	43	44	REG GND		
174	104-57	FLTA SIZE	45	46	REC LRCK	104-61	210
175	104-62	REC BCK	47	48	REC 512	104-60	211
176	104-64	A/D DATA1	49	50	REC 256	104-59	212
177	104-63	A/D DATA2	51	52	GND		
		GND	53	54	GND		
178	701-12	HP-R RET VR (G)	55	56	HP-R RET VR (X)	701-11	213
179	701-10	HP-R VR (G)	57	58	HP-R VR (X)	701-9	214
180	701-8	HP-L VR (G)	59	60	HP-L VR (X)	701-7	215
181	701-6	HP-L RET VR (G)	61	62	HP-L RET VR (X)	701-5	216
182	701-4	HP-R OUT (G)	63	64	HP-R OUT (X)	701-3	217
183	701-2	HP-L OUT (G)	65	66	HP-L OUT (X)	701-1	218
		GND	67	68	GND		
184	702-16	CH-4 VR RET (Y)	69	70	CH-4 RET (G)	(X) GUARD	
185	702-15	CH-4 VR RET (X)	71	72	CH-4 RET (G)	(X) GUARD	
186	702-12	CH-3 VR RET (Y)	73	74	CH-3 RET (G)	(X) GUARD	
187	702-11	CH-3 VR RET (X)	75	76	CH-3 RET (G)	(X) GUARD	
188	702-8	CH-2 VR RET (Y)	77	78	CH-2 RET (G)	(X) GUARD	
189	702-7	CH-2 VR RET (X)	79	80	CH-2 RET (G)	(X) GUARD	
190	702-4	CH-1 VR RET (Y)	81	82	CH-1 RET (G)	(X) GUARD	
191	702-3	CH-1 VR RET (X)	83	84	CH-1 RET (G)	(X) GUARD	
		UNREG -12V	85	86	UNREG -12V		
		UNREG -12V	87	88	UNREG -12V		
		UNREG -5V	89	90	UNREG -5V		
		UNREG -5V	91	92	UNREG -5V		
		UNREG +12V	93	94	UNREG +12V		
		UNREG +12V	95	96	UNREG +12V		
		GND	97	98	GND		
		GND	99	100	GND		

DA-120

CN103

			1	2			
			3	4			
			5	6			
		GND	7	8	GND		
219	116-23	L:DSP-R1 MUTE	9	10	L:DSP-R2 MUTE	116-24	246
220	116-67	AUD-P1 CS	11	12	AUD-P2 CS	116-68	247
221	116-70	DSP-P1 CS	13	14	DSP-P2 CS	116-71	248
222	116-75	L:DSP-P1 MUTE	15	16	L:DSP-P2 MUTE	116-76	249
223	116-21	DSP-P1 XLAT	17	18	DSP-P2 XLAT	116-22	250
224	116-66	JOG CS	19	20	AU-SFY CS	116-65	251
225	116-69	FSCONT-P CS	21	22			
226	116-17	DSP-P1 READY	23	24	DSP-P2 READY	116-18	252
227	116-15	DSP-R1 READY	25	26	DSP-R2 READY	116-16	253
			27	28	MAKE FLTA	101-32	899
			29	30			
112	101-33	PB DATA1	31	32	PB BCK AU1	101-34	135
113	101-35	PB LRCK AU1	33	34	PB256 AU1	101-36	136
114	101-37	PB DATA2	35	36	PB BCK AU2	101-38	137
115	101-39	PB LRCK AU2	37	38	PB256 AU2	101-40	138
		GND	39	40	GND		
228	111-91	DA P-TRCK	41	42	DA P-TTCK	111-57	254
229	112-69. 109-49. 117-20	P-TRKT1	43	44	P-HCK AUDIO	101-54. 114-17	142
230	112-61. 109-45. 117-19	P-FLTT1	45	46	P-FLTT2	112-63. 109-46	255
231	112-65. 109-47	P-FLTT3	47	48	P-FLTT4	112-67. 109-48	256
		GND	49	50	GND		
232	116-56	CAP TRANSIENT	51	52	CAPSTAN DIR DET	116-57	257
		GND	53	54	CAP FG A PULSE	115-27. 118-58	258
233	107-1	AJ R-START 4	55	56	AJ R-START 3	107-3	259
234	107-5	AJ R-START 2	57	58	AJ R-START 1	111-98	260
235	107-7	AJ R-ADT 4	59	60	AJ R-ADT 3	107-9	261
236	107-11	AJ R-ADT 2	61	62	AJ R-ADT 1	111-99	262
237	107-13	AJ P-START 4	63	64	AJ P-START 3	107-15	263
238	107-17	AJ P-START 2	65	66	AJ P-START 1	111-71	264
239	107-19	AJ P-ADT 4	67	68	AJ P-ADT 3	107-21	265
240	107-23	AJ P-ADT 2	69	70	AJ P-ADT 1	111-72	266
		GND	71	72	VADVCS 1	111-62	267
241	111-60	SYCS 1	73	74	VPCK 1	111-61	268
242	111-64	DTCS 10	75	76	DTCS 11	111-63	269
243	111-66	DTCS 12	77	78	DTCS 13	111-65	270
244	111-68	DTCS 14	79	80	DTCS 15	111-67	271
245	111-70	DTCS 16	81	82	DTCS 17	111-69	272
		GND	83	84	GND		
		REG +3V	85	86	REG +3V		
		REG +3V	87	88	REG +3V		
		REG +5V	89	90	REG +5V		
		REG +5V	91	92	REG +5V		
		UNREG +6.8V	93	94	UNREG +6.8V		
		UNREG +6.8V	95	96	UNREG +6.8V		
		GND	97	98	GND		
		GND	99	100	GND		

CN601

1	INPUT REF VIDEO (X)	113-76	273
2	INPUT REF VIDEO (G)	113-78	274
3	OUTPUT REF VIDEO (X)	113-40	275
4	OUTPUT REF VIDEO (G)	113-42	276
5	REG +5V		
6	UNREG -5V		277
7	GND	115-5	
8	EXT LTC INPUT	115-6	278
9	EXT LTC GND	115-7	279
10	EXT LTC OUTPUT	105-20	280
11	INPUT VIDEO (X)	105-22	281
12	INPUT VIDEO (G)	105-28	290

CP-276. 601-1 … CP-276. 601-12

CN602

1	L. INPUT RGB	NC	282
2	INPUT Y (X)	105-16	283
3	INPUT Y (G)	105-18	284
4	INPUT R-Y (X)	105-12	285
5	INPUT R-Y (G)	105-14	286
6	INPUT B-Y (X)	105-8	287
7	INPUT B-Y (G)	105-10	288
8	AUDIO MONI. OUTPUT (X)	101-25	133
9	AUDIO MONI. OUTPUT (G)	101-26	133
10	INPUT S (X)	105-24. 30	289
11	INPUT S (G)	105-26	
12	INPUT S-C (X)	105-28	290

CP-276. 602-1 … CP-276. 602-12

CN603

1	L. OUTPUT RGB	NC	291
2	OUTPUT S-Y (X)	113-32	292
3	OUTPUT S (G)	113-34. 38	293
4	OUTPUT S-C (X)	113-36	294
5	OUTPUT B-Y/R-Y (G)	113-14. 18	295
6	OUTPUT B-Y (X)	113-12	296
7	OUTPUT R-Y (X)	113-16	297
8	OUTPUT Y (G)	113-22	298
9	OUTPUT Y (X)	113-20	299
10	OUTPUT VIDEO (G)	113-26. 30	300
11	OUTPUT VIDEO 2 (X)	113-24	301
12	OUTPUT VIDEO 1 (X)	113-28	

CP-276. 603-1 … CP-276. 603-12

CN604

1	AES INPUT 1/2 (X)	101-80	153
2	AES INPUT 1/2 (Y)	101-82	154
3	AES INPUT 1/2 (G)	101-81	128
4	AES INPUT 3/4 (X)	101-76	151
5	AES INPUT 3/4 (Y)	101-78	152
6	AES INPUT 3/4 (G)	101-77	127
7	AES OUTPUT 1/2 (X)	101-72	149
8	AES OUTPUT 1/2 (Y)	101-74	150
9	AES OUTPUT 1/2 (G)	101-73	126
10	AES OUTPUT 3/4 (X)	101-68	147
11	AES OUTPUT 3/4 (Y)	101-70	146
12	AES OUTPUT 3/4 (G)	101-69	125

CP-281. 604-1 … CP-281. 604-12

CN605

1	CH-1 VR (X)	702-5	302
2	CH-1 VR (G)	702-2	303
3	CH-2 VR (X)	702-9	304
4	CH-2 VR (G)	702-6	305
5	CH-3 VR (X)	702-13	306
6	CH-3 VR (G)	702-10	307
7	CH-4 VR (X)	702-17	308
8	CH-4 VR (G)	702-14	309
9	UNREG +12V		
10	GND		12V
11	UNREG -12V		-12V
12	N.C		

CP-281. 605-1 … CP-281. 605-12

CN606

1	CH-1 OUTPUT (G)	101-10. 12	129
2	CH-1 OUTPUT (Y)	101-11	
3	CH-1 OUTPUT (X)	101-9	130
4	CH-2 OUTPUT (G)	101-14. 16	
5	CH-2 OUTPUT (Y)	101-15	103
6	CH-2 OUTPUT (X)	101-13	102
7	CH-3 OUTPUT (G)	101-18. 20	131
8	CH-3 OUTPUT (Y)	101-19	
9	CH-3 OUTPUT (X)	101-17	105
10	CH-4 OUTPUT (G)	101-22. 24	104
11	CH-4 OUTPUT (Y)	101-23	132
12	CH-4 OUTPUT (X)	101-21	107

CP-281. 606-1 … CP-281. 606-12

CN609

1	UNREG +12V		310
2	H. FUN MOTOR STOP	115-59	
3	GND		

CP-281. 609-1 … CP-281. 609-3

MB-640 (1/13)
MODEL DSR-85/85P

DSR-85/85P

MB-640 (2/13) : MOTHER BOARD

DA-120

CN104

		GND	1	2	GND		
155	116-64. 102-3	SP SO6	3	4	SP SO3	116-8. 102-4	192
156	116-63. 102-5	SP SI6	5	6	SP SI3	116-7. 102-6	193
157	116-62. 102-7	SP SCK6	7	8	SP SCK3	116-6. 102-8	194
158	116-79. 102-9	L:AU RESET	9	10	L:FLTA ERR	101-67. 116-43	124
311	116-54	RC-R1 FS1	11	12	RC-R1 FS2	116-55	330
312	116-58	RC-R1 DEMP	13	14	RC-R2 DEMP	116-59	331
313	116-9	AU EDIT CS	15	16	FSCONT QSDI CS	116-5	332
314	116-13	AUD-R1 CS	17	18	AUD-R2 CS	116-14	333
315	116-11	DSP-R1 CS	19	20	DSP-R2 CS	116-12	334
316	116-19	DSP-R1 XLAT	21	22	DSP-R2 XLAT	116-20	335
		GND	23	24	GND		
317	112-83. 109-55. 117-24	R-TRKT1	25	26	R-SPCK AUDIO	106-19. 102-28	203
167	112-75. 109-51. 117-23. 102-27	R-FLTT1	27	28	R-FLTT2	112-77. 109-52	336
318	112-79. 109-53	R-FLTT3	29	30	R-FLTT4	112-81. 109-54	337
319	106-13	R-TRCK AUDIO	31	32	R-TTCK	106-17	338
		GND	33	34	R-FLTA1	111-147. 117-25	339
320	111-97	DA R-TRCK	35	36	GND		
900	117-28	EDITPLD CS	37	38			
321	108-133	QSDA DT	39	40	QSDA STP	108-135	340
322	108-137	QSDA FP	41	42			
		GND	43	44	GND		
168	102-31	AES DATA1	45	46	AES BCK1	102-32	204
206	102-36	AES LRCK1	47	48	AES 256F1	102-34	205
173	102-41	AES ERR2	49	50	AES ERR1	102-35	170
172	102-39	AES DATA2	51	52	AES BCK2	102-38	207
209	102-42	AES LRCK2	53	54	AES 256F2	102-40	208
169	102-33	HR 20DB	55	56	HR 18DB	102-37	171
174	102-45	FLTA SIZE	57	58			
212	102-50	REC 256	59	60	REC 512	102-48	211
210	102-46	REC LRCK	61	62	REC BCK	102-47	175
177	102-51	A/D DATA2	63	64	A/D DATA1	102-49	176
		GND	65	66	GND		
323	116-44	DA ID	67	68	QAUD-R1 CS	117-52	901
324	117-106	JOG FRP	69	70	SDIA REC DT 1/2	106-63	341
325	106-65	SDIA REC DT 3/4	71	72	SDIA REC LRCK	106-67	342
326	106-69	SDIA REC BCK	73	74	SDIA REC 256FS	106-71	343
327	106-73	SDIA REC ERR 1/2	75	76	SDIA REC ERR 3/4	106-75	344
		GND	77	78	GND		
328	111-123	AE R-ASTART	79	80	AE R-ADT	111-125	345
329	111-127	AE R-AEN	81	82	QAUD-R2 CS	117-56	902
		GND	83	84	GND		
		UNREG -12V	85	86	UNREG -12V		-12V
		UNREG -12V	87	88	UNREG -12V		
		UNREG -5V	89	90	UNREG -5V		+5V
		UNREG -5V	91	92	UNREG -5V		12V
		UNREG +12V	93	94	UNREG +12V		
		UNREG +12V	95	96	UNREG +12V		
		GND	97	98	GND		
		GND	99	100	GND		

DDE-4/4P

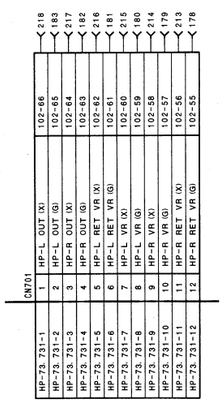
CN105

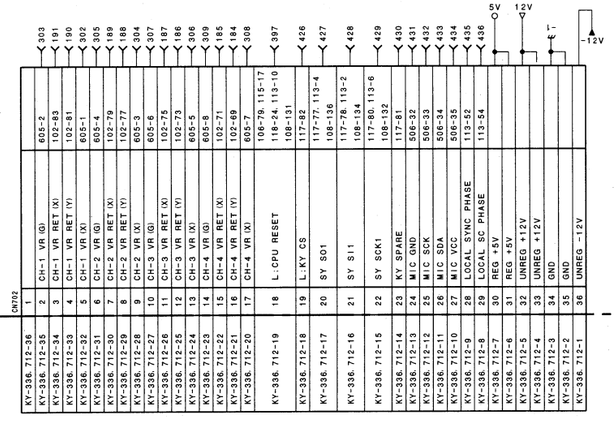
346	117-41	H:WIDE	1	2	S DATA	113-1	352
347	117-43	H:WIDE DC	3	4	STRB	113-3	353
348	117-42	H:LETTER BOX	5	6	SCK	113-5	354
			7	8	INPUT B-Y (X)	602-6	286
			9	10	INPUT B-Y (G)	602-7	287
		GND	11	12	INPUT R-Y (X)	602-4	284
		GND	13	14	INPUT R-Y (G)	602-5	285
		GND	15	16	INPUT Y (X)	602-2	282
		GND	17	18	INPUT Y (G)	602-3	283
		GND	19	20	INPUT VIDEO (X)	601-11	280
		GND	21	22	INPUT VIDEO (G)	601-12	281
		GND	23	24	INPUT S-Y (X)	602-10	288
		GND	25	26	INPUT S (G)	602-11. 105-30	289
		GND	27	28	INPUT S-C (X)	602-12	290
		GND	29	30	INPUT S (G)	602-11. 105-26	289
		GND	31	32	RSG REF (X)	113-44	355
		GND	33	34	RSG REF (G)	113-46	356
		GND	35	36	INCOME SYNC (X)	113-80	357
		GND	37	38	INCOME SYNC (G)	113-82	358
		GND	39	40	SPCK JERR	113-50	359
		GND	41	42	SDI CFP	114-31	360
		GND	43	44	SDI OE	114-35	361
		GND	45	46	SDI SYNC	114-33	362
		GND	47	48			
		GND	49	50			
		GND	51	52	INPUT CF PULSE	112-1. 117-38	363
		GND	53	54	L:MAINTE MODE	117-67. 114-14	364
		GND	55	56	H:INPUT EXIST	117-46	365
		GND	57	58	L:NON STD	117-44	366
		GND	59	60	SDI CFP 0	117-35	367
		GND	61	62	SDI CFP 1	117-36	368
		GND	63	64	SDI CFP 2	117-37	369
		GND	65	66	LVD	117-40	370
		GND	67	68	INPUT SYNC	117-39. 112-3	371
		GND	69	70			
			71	72	QSDI SYNC	107-33. 114-29	372
			73	74	QSDI CFP	107-35. 114-27	373
349	114-3	SPARE DEN/DDE	75	76	QSDI F	107-37	374
350	117-48	L:NON STD IN	77	78	QSDI V	107-39	375
351	109-68	SPARE DDE/SDI	79	80	QSDI H	107-41	376
		SPARE DDE/DV	81	82	QSDI CK13 (G)	107-43	377
			83	84	QSDI CK13 (X)	107-45	378
3V		REG +3V	85	86	REG +3V		3V
		REG +3V	87	88	REG +3V		
5V		REG +5V	89	90	REG +5V		5V
		REG +5V	91	92	REG +5V		
6.5V		UNREG +6.8V	93	94	UNREG +6.8V		6.5V
		UNREG +6.8V	95	96	UNREG +6.8V		
		GND	97	98	GND		
		GND	99	100	GND		

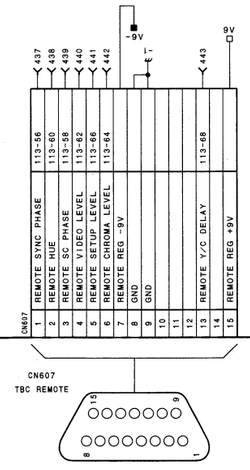
DDE-4/4P

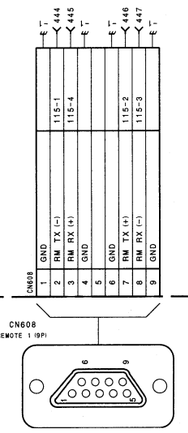
CN106

		GND	1	2	GND		
379	117-45	R-FLTTO SY	3	4	R-FLTTO DV	112-5	398
380	117-47	R-TRKTO SY	5	6	R-TRKTO DV	112-7	399
381	108-65	R-TRCK SDI	7	8	R-TRCK DV	112-9	400
382	117-30	R-FLTD	9	10	R-FLTV	112-11	401
383	117-32	R-TRKD	11	12	R-SPCK DV	112-13	402
319	104-31	R-TRCK AUDIO	13	14	R-HREC	112-57	403
384	111-145	R-FLTA0	15	16	R-CINV	112-15	404
338	104-32	R-TTCK	17	18	R-JOOE	112-17	405
203	104-26. 102-28	R-SPCK AUDIO	19	20	R-JFOE	112-19	406
		GND	21	22	R-JSYY	112-21	407
385	117-87. 108-93. 111-138	SP SI1	23	24	R-JSYC	112-23	408
386	117-88. 108-95. 111-140	SP SO1	25	26	R-JY7	112-25	409
387	117-86. 108-91. 111-142	SP SCK1	27	28	R-JY6	112-27	410
388	117-89	NFIL-R CS	29	30	R-JY5	112-29	411
389	117-84. 114-12. 108-88. 111-144	L:JC RESET	31	32	R-JY4	112-31	412
390	117-62. 112-14	SY SI2	33	34	R-JY3	112-33	413
391	117-61. 112-16	SY SO2	35	36	R-JY2	112-35	414
392	117-60. 112-18	SY SCK2	37	38	R-JY1	112-37	415
393	117-64	CTLG-R MOD CS	39	40	R-JY0	112-39	416
394	117-65	CTLG-R SP CS	41	42	R-JC7	112-41	417
395	117-88. 112-20	L:CTLG RESET	43	44	R-JC6	112-43	418
			45	46	R-JC5	112-45	419
		GND	47	48	R-JC4	112-47	420
		GND	49	50	R-JC3	112-49	421
		GND	51	52	R-JC2	112-51	422
		GND	53	54	R-JC1	112-53	423
			55	56	R-JC0	112-55	424
123	101-63. 114-79	SDIA PB LRCK	57	58	D1 AD7	109-57. 102-18	199
144	101-60. 114-81	SDIA PB BCK	59	60	D1 AD6	109-59. 102-19	163
145	101-62	SDIA PB 256FS	61	62	D1 AD5	109-61. 102-20	200
341	104-70	SDIA REC DT 1/2	63	64	D1 AD4	109-63. 102-21	164
325	104-71	SDIA REC DT 3/4	65	66	D1 AD3	109-65. 102-22	201
342	104-72	SDIA REC LRCK	67	68	D1 AD2	109-67. 102-23	165
326	104-73	SDIA REC BCK	69	70	D1 AD1	109-69. 102-24	202
343	104-74	SDIA REC 256FS	71	72	D1 AD0	109-71. 102-25	166
327	104-75	SDIA REC ERR 1/2	73	74	D1 IN CS	109-73	425
344	104-76	SDIA REC ERR 3/4	75	76	D1 A9	109-75. 102-15	161
396	116-29	L:SDI-27 EXIST	77	78	D1 A8	109-77. 102-16	198
397	115-17. 702-18. 108-131. 113-10. 118-24	L:CPU RESET	79	80	D1 ASTB	109-79. 102-14	197
		GND	81	82	D1 WR	109-81. 102-12	196
		GND	83	84	D1 RD	109-83. 102-13	160
		UNREG -12V	85	86	UNREG -12V		-12V
		UNREG -12V	87	88	UNREG -12V		
		UNREG -5V	89	90	UNREG -5V		+5V
		UNREG -5V	91	92	UNREG -5V		12V
		UNREG +12V	93	94	UNREG +12V		
		UNREG +12V	95	96	UNREG +12V		
		GND	97	98	GND		
		GND	99	100	GND		









MB-640 (2/13)
MODEL DSR-85/85P

MB-640 (3/13) : MOTHER BOARD

SDI-8 CN107

233	103-55	AJ R-START 4	1	2			
259	103-56	AJ R-START 3	3	4			
234	103-57	AJ R-START 2	5	6			
235	103-59	AJ R-ADT 4	7	8			
261	103-60	AJ R-ADT 3	9	10			
236	103-61	AJ R-ADT 2	11	12			
237	103-63	AJ P-START 4	13	14			
263	103-64	AJ P-START 3	15	16			
238	103-65	AJ P-START 2	17	18			
239	103-67	AJ P-ADT 4	19	20			
265	103-68	AJ P-ADT 3	21	22			
240	103-69	AJ P-ADT 2	23	24			
			25	26			
			27	28			
			29	30			
			31	32			
372	105-72, 114-29	QSDI SYNC	33	34			
373	105-74, 114-27	QSDI CFP	35	36			
374	105-76	QSDI F	37	38			
375	105-78	QSDI V	39	40			
376	105-80	QSDI H	41	42			
377	105-82	QSDI CK13 (G)	43	44			
378	105-84	QSDI CK13 (X)	45	46			
			47	48			
448	110-47	R-TRPSC4	49	50	R-FRPSC4	110-48	466
449	110-49	VRCKCS4	51	52			
450	110-51	DTSC 40	53	54	DTSC 41	110-50	467
451	110-53	DTSC 42	55	56	DTSC 43	110-52	468
452	110-55	DTSC 44	57	58	DTSC 45	110-54	469
453	110-57	DTSC 46	59	60	DTSC 47	110-56	470
454	110-58	R-TRPSC3	61	62	R-FRPSC3	110-60	471
455	110-59	VRCKCS3	63	64			
456	110-61	DTSC 30	65	66	DTSC 31	110-62	472
457	110-63	DTSC 32	67	68	DTSC 33	110-64	473
458	110-65	DTSC 34	69	70	DTSC 35	110-66	474
459	110-67	DTSC 36	71	72	DTSC 37	110-68	475
460	110-69	R-TRPSC2	73	74	R-FRPSC2	110-70	476
461	110-71	VRCKCS2	75	76			
462	110-73	DTSC 20	77	78	DTSC 21	110-72	477
463	110-75	DTSC 22	79	80	DTSC 23	110-74	478
464	110-77	DTSC 24	81	82	DTSC 25	110-76	479
465	110-79	DTSC 26	83	84	DTSC 27	110-78	480
3V		REG +3V	85	86	REG +3V		3V
		REG +3V	87	88	REG +3V		
5V		REG +5V	89	90	REG +5V		5V
		REG +5V	91	92	REG +5V		
6.5V		UNREG +6.8V	93	94	UNREG +6.8V		6.5V
		UNREG +6.8V	95	96	UNREG +6.8V		
⊥3		GND	97	98	GND		⊥T
		GND	99	100	GND		

SDI-8 CN108

481	111-15	P-FRPSC 4	1	2	P-TRPSC 4	111-16	539
482	111-17	SCDVCS 4	3	4	SYCS 4	111-18	540
483	111-19	VPCK 4	5	6	VADVCS 4	111-20	541
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486	111-25	DTCS 45	11	12	DTCS 44	111-26	544
487	111-27	DTCS 47	13	14	DTCS 46	111-28	545
488	111-29	P-FRPSC 3	15	16	P-TRPSC 3	111-30	546
489	111-31	SCDVCS 3	17	18	SYCS 3	111-32	547
490	111-33	VPCK 3	19	20	VADVCS 3	111-34	548
491	111-35	DTCS 31	21	22	DTCS 30	111-36	549
492	111-37	DTCS 33	23	24	DTCS 32	111-38	550
493	111-39	DTCS 35	25	26	DTCS 34	111-40	551
494	111-41	DTCS 37	27	28	DTCS 36	111-42	552
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524	117-94	SFY-R3 MS CS	99	100	SFY-R3 SP CS	117-112	584
525	117-95	SFY-R4 MS CS	101	102	SFY-R4 SP CS	117-113	585
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527	117-99	SFY-R3 TBC EN	105	106	SFY-R3 BANK	117-102	587
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533	116-38	SFY-P3 MS CS	119	120	SFY-P3 SP CS	116-52	594
534	116-39	SFY-P4 MS CS	121	122	SFY-P4 SP CS	116-53	595
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			141	142	QSDI CK27 (G)	114-21	601
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		UNREG -12V	87	88	UNREG -12V		
-5V		UNREG -5V	89	90	UNREG -5V		-5V
12V		UNREG -5V	91	92	UNREG -5V		12V
		UNREG +12V	93	94	UNREG +12V		
		UNREG +12V	95	96	UNREG +12V		
⊥3		GND	97	98	GND		⊥T
		GND	99	100	GND		

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		GND	1	2	GND	
608	120-82	REC DATA A (X)	3	4	EVEN DATA A	119-36
609	120-81	REC DATA A (Y)	5	6	ODD DATA A	119-34
610	120-64, 501-23	H:REC AREA-A	7	8	HPB CK A	119-35
611	120-84	REC DATA B (X)	9	10	GND	
612	120-83	REC DATA B (Y)	11	12	EVEN DATA B	119-42
613	120-63, 501-19	H:REC AREA-B	13	14	ODD DATA B	119-44
614	120-86	REC DATA C (X)	15	16	HPB CK B	119-43
615	120-85	REC DATA C (Y)	17	18	GND	
616	120-66, 501-15	H:REC AREA-C	19	20	EVEN DATA C	119-88
617	120-88	REC DATA D (X)	21	22	ODD DATA C	119-86
618	120-87	REC DATA D (Y)	23	24	HPB CK C	119-87
619	120-65, 501-11	H:REC AREA-D	25	26	GND	
620	120-78	REC CLK (X)	27	28	EVEN DATA D	119-94
621	120-77	REC CLK (Y)	29	30	ODD DATA D	119-96
622	120-79	REC CLK (G)	31	32	HPB CK D	119-95
623	120-74	20MHZ CLK (X)	33	34	GND	
624	120-73	20MHZ CLK (Y)	35	36	SWP A	119-27
625	120-68, 501-6	ERASE AB	37	38	SWP B	119-51
626	120-67, 501-2	ERASE CD	39	40	SWP C	119-81
627	120-92	SSA60-R	41	42	SWP D	119-101
628	118-46, 120-46	REC SW REF	43	44	PB SW REF	115-8, 118-47, 120-47
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450	107-53	DTSC 40	51	52	DTSC 43	107-56
451	107-55	DTSC 42	53	54	DTSC 45	107-58
452	107-57	DTSC 44	55	56	DTSC 47	107-60
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457	107-67	DTSC 32	63	64	DTSC 33	107-68
458	107-69	DTSC 34	65	66	DTSC 35	107-70
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462	107-77	DTSC 20	73	74	DTSC 23	107-80
463	107-79	DTSC 22	75	76	DTSC 25	107-82
464	107-81	DTSC 24	77	78	DTSC 27	107-84
465	107-83	DTSC 26	79	80	GND	
		GND	81	82	TFSQ-R CS	117-13
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		REG +5V	91	92	REG +5V	
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		UNREG +6.8V	95	96	UNREG +6.8V	
		GND	97	98	GND	
		GND	99	100	GND	

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564	108-54	SFDT9-P1	81	82	SFDT8-P1	108-53
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399	106-6	R-TRKT0 DV	7	8	P-CTLG SP CS	117-70
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337	104-30, 109-54	R-FLTT4	81	82	P-JC1	114-78
317	104-25, 109-55, 117-24	R-TRKT1	83	84	P-JCO	114-80
-12V		UNREG -12V	85	86	UNREG -12V	
		UNREG -12V	87	88	UNREG -12V	
-5V 12V		UNREG -5V	89	90	UNREG -5V	
		UNREG -5V	91	92	UNREG -5V	
		UNREG +12V	93	94	UNREG +12V	
		UNREG +12V	95	96	UNREG +12V	
		GND	97	98	GND	
		GND	99	100	GND	

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		GND	21	22	OUTPUT Y (G)	603-8	297
		GND	23	24	OUTPUT VIDEO 2 (X)	603-11	300
		GND	25	26	OUTPUT VIDEO (G)	603-10. 113-30	299
		GND	27	28	OUTPUT VIDEO 1 (X)	603-12	301
		GND	29	30	OUTPUT VIDEO (G)	603-10. 113-26	299
		GND	31	32	OUTPUT S-Y (X)	603-2	291
		GND	33	34	OUTPUT S (G)	113-38. 603-3	292
		GND	35	36	OUTPUT S-C (X)	603-4	293
		GND	37	38	OUTPUT S (G)	113-34. 603-3	292
		GND	39	40	OUTPUT REF VIDEO (X)	601-3	275
		GND	41	42	OUTPUT REF VIDEO (G)	601-4	276
		GND	43	44	RSG REF (X)	105-32	355
		GND	45	46	RSG REF (G)	105-34	356
		GND	47	48			
		GND	49	50	SPCK ERR	105-40	359
		GND	51	52	LOCAL SYNC PHASE	702-28	435
		GND	53	54	LOCAL SC PHASE	702-29	436
		GND	55	56	REMOTE SYNC PHASE	607-1	437
		GND	57	58	REMOTE SC PHASE	607-3	439
		GND	59	60	REMOTE HUE	607-2	438
		GND	61	62	REMOTE VIDEO LEVEL	607-4	440
		GND	63	64	REMOTE CHROMA LEVEL	607-6	442
		GND	65	66	REMOTE SETUP LEVEL	607-5	441
		GND	67	68	REMOTE Y/C DELAY	607-13	443
		GND	69	70			
		GND	71	72	CHARA FRAME	117-73	716
		GND	73	74	CHARA SIG	117-72	717
		GND	75	76	INPUT REF VIDEO (X)	601-1	273
		GND	77	78	INPUT REF VIDEO (G)	601-2	274
		GND	79	80	INCOME SYNC (X)	105-36	357
			81	82	INCOME SYNC (G)	105-38	358
			83	84			
3V		REG +3V	85	86	REG +3V		3V
		REG +3V	87	88	REG +3V		
5V		REG +5V	89	90	REG +5V		5V
		REG +5V	91	92	REG +5V		
6.5V		UNREG +6.8V	93	94	UNREG +6.8V		6.5V
		UNREG +6.8V	95	96	UNREG +6.8V		
		GND	97	98	GND		
		GND	99	100	GND		

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		GND	1	2	GND		
349	105-75	SPARE DEN/DDE	3	4	SP SI4	108-127. 116-32. 111-130	537
718	116-25	SPARE DEN/SY	5	6	SP SO4	108-125. 116-31. 111-132	536
605	109-60	SPARE DEN/SDI	7	8	SP SCK4	108-123. 116-30. 111-134	535
677	112-59	SPARE DEN/DV	9	10	NFIL-P CS	116-33	720
		GND	11	12	L:JC RESET	117-84. 106-31. 108-88. 111-144	389
		GND	13	14	L:MAINTE MODE	117-67. 105-54	364
		GND	15	16	P-HCK DV	112-24	687
142	103-44. 101-54	P-HCK AUDIO	17	18	P-HCK EQ	119-121. 120-121	721
600	108-140	QSDI CK27 (X)	19	20	GND		
601	108-142	QSDI CK27 (G)	21	22	RSG OE	112-28. 117-71	688
602	108-144	QSDI OE	23	24	RSG HD	112-30. 117-74	689
603	108-146	QSDI HD	25	26	RSG VD	117-75	722
373	105-74. 107-35	QSDI CFP	27	28	RSG 1ST FLD	108-148. 112-32. 115-82	604
372	105-72. 107-33	QSDI SYNC	29	30	GND		
360	105-42	SDI CFP	31	32	H:BURST EXIST	112-36. 115-81	690
362	105-46	SDI SYNC	33	34	H:SYNC EXT	112-38. 115-83	691
361	105-44	SDI OE	35	36	P-SPCK	112-40	692
			37	38	P-HREC	112-42	693
			39	40	P-CINV	112-44	694
		GND	41	42	P-HVFON	112-46	695
		GND	43	44	P-FLBKY	112-48	696
		GND	45	46	P-JSYY	112-50	697
		GND	47	48	P-JSYC	112-52	698
		GND	49	50	P-JY7	112-54	699
		GND	51	52	P-JY6	112-56	700
		GND	53	54	P-JY5	112-58	701
		GND	55	56	P-JY4	112-60	702
		GND	57	58	P-JY3	112-62	703
		GND	59	60	P-JY2	112-64	704
		GND	61	62	P-JY1	112-66	705
		GND	63	64	P-JY0	112-68	706
		GND	65	66	P-JC7	112-70	707
		GND	67	68	P-JC6	112-72	708
			69	70	P-JC5	112-74	709
			71	72	P-JC4	112-76	710
719	116-26	H:NTSC	73	74	P-JC3	112-78	711
122	101-57	SDIA PB DT 1/2	75	76	P-JC2	112-80	712
143	101-58	SDIA PB DT 3/4	77	78	P-JC1	112-82	713
123	101-63. 106-57	SDIA PB LRCK	79	80	P-JC0	112-84	714
144	101-60. 106-59	SDIA PB BCK	81	82	L:SDI-28 EXIST	116-28	723
146	101-64	SDIA PB 128FS	83	84	SDI-28 CS	117-59	724
		UNREG -12V	85	86	UNREG -12V		-12V
-12V		UNREG -12V	87	88	UNREG -12V		
		UNREG -5V	89	90	UNREG -5V		-5V
-5V		UNREG -5V	91	92	UNREG -5V		
12V		UNREG +12V	93	94	UNREG +12V		12V
		UNREG +12V	95	96	UNREG +12V		
		GND	97	98	GND		
		GND	99	100	GND		

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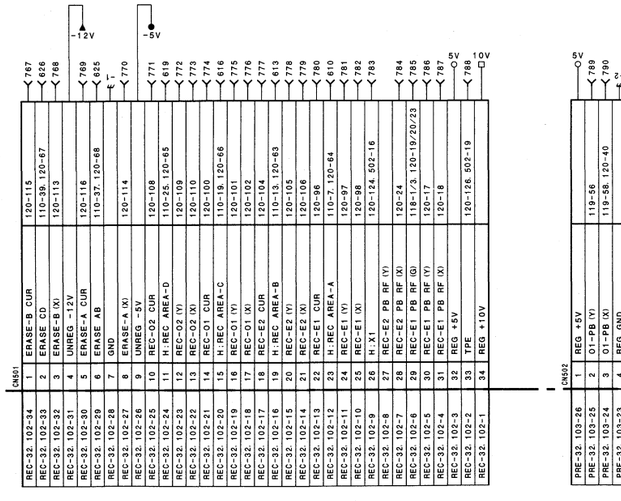
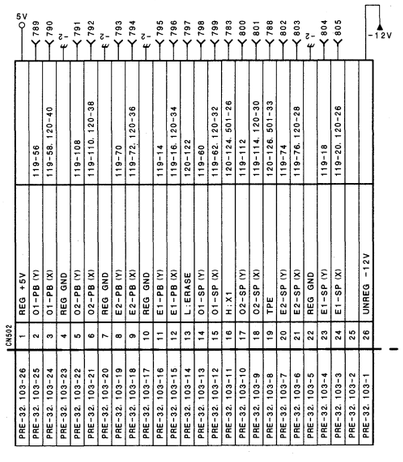
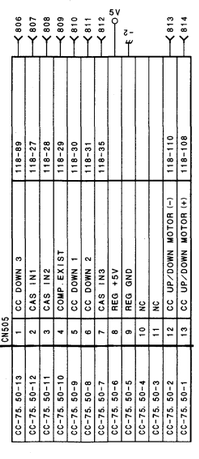
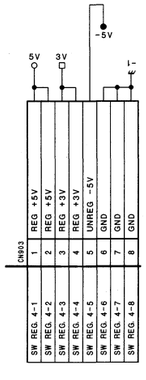
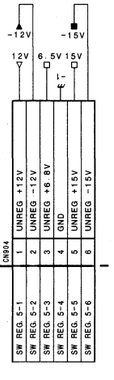
444	608-2	RM TX (-)	1	2	RM TX (+)	608-7	446
447	608-8	RM RX (-)	3	4	RM RX (+)	608-3	445
277	601-8	EXT LTC INPUT	5	6	EXT LTC GND	601-9	278
279	601-10	EXT LTC OUTPUT	7	8	PB SW REF	118-47. 110-44. 120-47	646
725	118-20	DRUM GATE	9	10	DRUM SO	118-23	745
726	118-22	DRUM SI	11	12	DRUM SCK	118-21	746
727	118-54	DRUM CS	13	14	DRUM BUSY	118-53	747
728	118-73	TOP/END LED PULSE	15	16	TAPE TOP	506-28	748
397	106-79. 108-131. 118-24. 113-10. 702-18	L:CPU RESET	17	18	TAPE END	506-5	749
			19	20			
905	506-11	THERMO SENSOR	21	22	REF 150	118-70	750
729	118-69	TENSION ERROR DC	23	24	DRUM FG	118-72. 503-27	751
			25	26			
258	103-54. 118-58	CAP FG A PULSE	27	28	CAP FG B PULSE	118-59	752
730	506-4. 118-64	REF +5V	29	30	REG GND		
731	118-55	ADJ D/A LD	31	32	TENSION CURRENT	118-68	753
732	118-91	CAPSTAN ERROR	33	34	CAPSTAN CURRENT	118-93	754
			35	36	THREADING ERROR	118-94	755
733	118-95	H:TH/UNTH POWER ON	37	38	SPARE SV/SY	118-61	756
734	118-98	THREADING CURRENT	39	40	POSITION CURRENT	118-105	757
735	118-97	THREADING CONT1	41	42	POSITION CONT1	118-101	758
736	118-99	THREADING CONT2	43	44	POSITION CONT2	118-103	759
737	118-106	CC UP/DOWN CURRENT	45	46	CC UP/DOWN CONT1	118-107	760
738	118-109	CC UP/DOWN CONT2	47	48	S REEL CURRENT	118-117	761
739	118-111	H:S REEL POWER ON	49	50	S REEL ERROR	118-113	762
740	118-125	T REEL CURRENT	51	52	T REEL ERROR	118-121	763
741	118-119	H:T REEL POWER ON	53	54	H:CAPSTAN STOP	118-87	764
			55	56			
			57	58			
310	609-2	H:FUN MOTOR STOP	59	60			
			61	62			
742	120-93	REC CUR D/A LD	63	64	L:ERASE ON	120-123	765
743	506-8. 118-56. 120-91	SV SCK1	65	66	SV SO1	506-7. 118-57. 120-89	766
744	506-6	SV SI1	67	68			
			69	70			
			71	72	REC CTL PULSE		
			73	74	H:CTL REC ON		
			75	76	PB CTL PULSE		
			77	78			
			79	80	H:INS	119-8. 120-62	906
690	114-32. 112-36	H:BURST EXIST	81	82	RSG 1ST FLD	114-28. 112-32. 108-148	604
691	114-34. 112-38	H:SYNC EXT	83	84			
3V		REG +3V	85	86	REG +3V		3V
		REG +3V	87	88	REG +3V		
5V		REG +5V	89	90	REG +5V		5V
		REG +5V	91	92	REG +5V		
6.5V		UNREG +6.8V	93	94	UNREG +6.8V		6.5V
		UNREG +6.8V	95	96	UNREG +6.8V		
		REG GND	97	98	REG GND		
		REG GND	99	100	REG GND		











MB-640 (5/13)
MODEL DSR-85/85P

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DSR-85/85P

MB-640 (6/13) : MOTHER BOARD

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	REG GND	1	2	REG GND		
		3	4			
332	104-16	FSCONT QSDI CS	5	6	SP SCK3	102-8. 104-8	194
193	102-6. 104-6	SP SI3	7	8	SP SO3	102-4. 104-4	192
313	104-15	AU EDIT CS	9	10	FS CONT-R CS	102-10	195
315	104-19	DSP-R1 CS	11	12	DSP-R2 CS	104-20	334
314	104-17	AUD-R1 CS	13	14	AUD-R2 CS	104-18	333
227	103-25	DSP-R1 READY	15	16	DSP-R2 READY	103-26	253
226	103-23	DSP-P1 READY	17	18	DSP-P2 READY	103-24	252
316	104-21	DSP-R1 XLAT	19	20	DSP-R2 XLAT	104-22	335
223	103-17	DSP-P1 XLAT	21	22	DSP-P2 XLAT	103-18	250
219	103-9	L:DSP-R1 MUTE	23	24	L:DSP-R2 MUTE	103-10	246
718	114-5	SPARE DEN/SY	25	26	H:NTSC	114-73	719
606	109-64	L:QSDI INPUT EN	27	28	L:SDI-28 EXIST	114-82	723
396	106-77	L:SDI-27 EXIST	29	30	SP SCK4	108-123. 111-134. 114-8	535
536	108-125. 111-132. 114-6	SP SO4	31	32	SP SI4	108-127. 111-130. 114-4	537
720	114-10	NFIL-P CS	33	34	P-BLK CS	111-124	672
671	111-122	P-COMP CS	35	36	SFY-P1 MS CS	111-128	673
532	108-117	SFY-P2 MS CS	37	38	SFY-P3 MS CS	108-119	533
534	108-121	SFY-P4 MS CS	39	40	QSDI-P CS	108-129	538
607	109-66	QSDI-P MUTE	41	42	AUDIO MUTE	101-30	134
124	101-67. 104-10	L:FLTA ERR	43	44	DA ID	104-67	323
117	101-43	RC-P1 MUTE	45	46	RC-P2 MUTE	101-47	119
596	108-124. 111-131	SP SCK5	47	48	SP SO5	108-126. 111-129	597
598	108-128. 111-126	SP SI5	49	50	SFY-P1 SP CS	111-120	670
593	108-118	SFY-P2 SP CS	51	52	SFY-P3 SP CS	108-120	594
595	108-122	SFY-P4 SP CS	53	54	RC-R1 FS1	104-11	311
330	104-12	RC-R1 FS2	55	56	CAP TRANSIENT	103-51	232
257	103-52	CAPSTAN DIR DET	57	58	RC-R1 DEMP	104-13	312
331	104-14	RC-R2 DEMP	59	60	RC-P1 DEMP	101-41	116
118	101-45	RC-P2 DEMP	61	62	SP SCK6	102-7. 104-7	157
156	102-5. 104-5	SP SI6	63	64	SP SO6	102-3. 104-3	155
251	103-20	AU-SFY CS	65	66	JOG CS	103-19	224
220	103-11	AUD-P1 CS	67	68	AUD-P2 CS	103-12	247
225	103-21	FSCONT-P CS	69	70	DSP-P1 CS	103-13	221
248	103-14	DSP-P2 CS	71	72	MONITOR SEL 1	101-27	109
110	101-29	MONITOR SEL 2	73	74	MONITOR SEL FB	101-31	111
222	103-15	L:DSP-P1 MUTE	75	76	L:DSP-P2 MUTE	103-16	249
139	101-46	RC-P1 XLAT	77	78	RC-P2 XLAT	101-48	140
158	102-9. 104-9	L:AU RESET	79	80	SP SCK0	101-50	141
121	101-51	SP SI0	81	82	SP SO0	101-49	120
			83	84			
-12V		UNREG -12V	85	86	UNREG -12V		-12V
		UNREG -12V	87	88	UNREG -12V		
-5V 12V		UNREG -5V	89	90	UNREG -5V		-5V 12V
		UNREG -5V	91	92	UNREG -5V		
		UNREG +12V	93	94	UNREG +12V		
		UNREG +12V	95	96	UNREG +12V		
		UNREG GND	97	98	UNREG GND		
		UNREG GND	99	100	UNREG GND		

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667	111-14	SV SCK2	1	2	SV SO2	111-13	655
666	111-12	SV SI2	3	4	TFSQ-P CS	110-83	629
664	111-8	CHCD-P1 CS	5	6	CHCD-P2 CS	111-9	653
665	111-10	CHCD-P3 CS	7	8	CHCD-P4 CS	111-11	654
648	110-84. 119-118. 120-118	L:CHCD RESET	9	10	SV SCK3	111-7	652
663	111-6	SV SO3	11	12	SV SI3	111-5	651
647	110-82	TFSQ-R CS	13	14	CHCD-R1 CS	111-1	649
661	111-2	CHCD-R2 CS	15	16	CHCD-R3 CS	111-3	650
662	111-4	CHCD-R4 CS	17	18			
230	112-61. 103-45. 109-45	P-FLTT1	19	20	P-TRKT1	112-69. 103-43. 109-49	229
675	111-146	R-VAR FRP	21	22	P-VAR FRP	112-71	678
167	112-75. 109-51. 104-27. 102-27	R-FLTT1	23	24	R-TRKT1	112-83. 104-25. 109-55	317
339	111-147. 104-34	R-FLTA1	25	26			
			27	28	EDITPLD CS	104-37	900
684	112-10	P-FLTT0	29	30	R-FLTD	106-9	382
685	112-12	P-TRKT0	31	32	R-TRKD	106-11	383
			33	34			
367	105-60	SDI CFP 0	35	36	SDI CFP 1	105-62	368
369	105-64	SDI CFP 2	37	38	INPUT CF PULSE	105-52. 112-1	363
371	105-68. 112-3	INPUT SYNC	39	40	LVD	105-66	370
346	105-1	H:WIDE	41	42	H:LETTER BOX	105-5	348
347	105-3	H:WIDE DC	43	44	L:NON STD	105-58	366
379	106-3	R-FLTT0 SY	45	46	H:INPUT EXIST	105-56	365
380	106-5	R-TRKT0 SY	47	48	L:NON STD IN	105-77	350
			49	50			
898	101-53	AU ID	51	52	QAUD-R1 CS	104-68	901
			53	54			
			55	56	QAUD-R2 CS	104-82	902
			57	58			
724	114-84	SDI-28 CS	59	60	SY SCK2	106-37. 112-18	392
391	106-35. 112-16	SY SO2	61	62	SY SI2	106-33. 112-14	390
599	108-130	SDI-8 CS	63	64	CTLG-R MOD CS	106-39	393
394	106-41	CTLG-R SP CS	65	66	CTLG2 CS	112-4	681
364	105-54. 114-14	L:MAINTE MODE	67	68	L:CTLG RESET	106-43. 112-20	395
682	112-6	P-CTLG MOD CS	69	70	P-CTLG SP CS	112-8	683
688	112-28. 114-22	RSG OE	71	72	CHARA SIG	113-74	717
716	113-72	CHARA FRAME	73	74	RSG HD	112-30. 114-24	689
722	114-26	RSG VD	75	76			
427	108-136. 113-4. 702-20	SY SO1	77	78	SY SI1	108-134. 113-2. 702-21	428
715	113-8	TBC CPU CS	79	80	SY SCK1	108-132. 113-6. 702-22	429
430	702-23	KY SPARE	81	82	L:KY CS	702-19	426
680	112-2	BLK-P VRAM WE	83	84	L:JC RESET	106-31. 114-12. 108-88. 111-144	389
686	112-22	BLK-R VRAM WE	85	86	SP SCK1	106-27. 108-91. 111-142	387
385	106-23. 108-93. 111-138	SP SI1	87	88	SP SO1	106-25. 108-95. 111-140	386
388	106-29	NFIL-R CS	89	90	R-BLK CS	111-137	660
659	111-135	R-COMP CS	91	92	SFY-R1 MS CS	111-136	674
523	108-97	SFY-R2 MS CS	93	94	SFY-R3 MS CS	108-99	524
525	108-101	SFY-R4 MS CS	95	96	QSDI-R CS	108-89	522
656	111-93	SFY-R1 TBC EN	97	98	SFY-R1 BANK	111-95	657
527	108-105	SFY-R3 TBC EN	99	100	SFY-R2 BANK	108-104	586
526	108-103	SFY-R2 TBC EN	101	102	SFY-R3 BANK	108-106	587
528	108-107	SFY-R4 TBC EN	103	104	SFY-R4 BANK	108-108	588
	NC	DV SPARE1	105	106	JOG FRP	104-69	324
580	108-92. 111-143	SP SCK2	107	108	SP SI2	108-94. 111-139	581
582	108-96. 111-141	SP SO2	109	110	SFY-R1 SP CS	111-133	658
583	108-98	SFY-R2 SP CS	111	112	SFY-R3 SP CS	108-100	584
585	108-102	SFY-R4 SP CS	113	114	SPARE SDI/SY	108-110	589
668	111-94	SFY-P1 TBC EN	115	116	SFY-P1 BANK	111-96	669
529	108-111	SFY-P2 TBC EN	117	118	SFY-P2 BANK	108-112	590
530	108-113	SFY-P3 TBC EN	119	120	SFY-P3 BANK	108-114	591
531	108-115	SFY-P4 TBC EN	121	122	SFY-P4 BANK	108-116	592
903	112-26	SPARE DV/SY 1	123	124			
815	503-34	L:MS EXIST	125	126	POSITION LED	503-22	823
816	503-21	TH/UNTH END LED	127	128			
817	503-11	DEW DET (G)	129	130	DEW DET (X)	503-12	824
818	506-9	EE-PROM SV CS	131	132	EE-PROM SV BUSY	506-10	825
819	503-25	THREADING FG	133	134	EEPROM-SV RESET	503-33	826
820	506-25	S REEL FG A	135	136	S REEL FG B	506-24	827
821	506-18	T REEL FG A	137	138	T REEL FG B	506-17	828
822	118-85	CAPSTAN DIR (L:FWD)	139	140	H:CAPSTAN BRAKE	503-2	829
			141	142			
			143	144			
			145	146			
			147	148			

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830	118-90	CAPSTAN DIR CONT	1	MS-43. 203-36
829	117-140	H:CAPSTAN BRAKE	2	MS-43. 203-35
831	118-92	CAPSTAN DRIVE	3	MS-43. 203-34
832	118-88	PINCH SOL. VCC	4	MS-43. 203-33
833	118-86	PINCH SOL. STARTER	5	MS-43. 203-32
834	118-83	PINCH SOL. HOLDER	6	MS-43. 203-31
835	118-34	UNTH END	7	MS-43. 203-30
836	118-33	TH END	8	MS-43. 203-29
837	118-80	CLEANING SOL. STARTER	9	MS-43. 203-28
838	118-84	CLEANING SOL. VCC	10	MS-43. 203-27
817	117-129	DEW DET (G)	11	MS-43. 203-26
824	117-130	DEW DET (X)	12	MS-43. 203-25
12V		UNREG +12V	13	MS-43. 203-24
		UNREG +12V	14	MS-43. 203-23
		UNREG GND (DRIVE)	15	MS-43. 203-22
		UNREG GND (DRIVE)	16	MS-43. 203-21
		UNREG -5V	17	MS-43. 203-20
15V -5V		N C (UNREG +15V 099)	18	MS-43. 203-19
907	118-78	CLEANING SOL. HOLDER	19	MS-43. 203-18
			20	MS-43. 203-17
816	117-127	TH/UNTH END LED	21	MS-43. 203-16
823	117-126	POSITION LED	22	MS-43. 203-15
839	118-96	THREADING MOTOR (+)	23	MS-43. 203-14
840	118-100	THREADING MOTOR (-)	24	MS-43. 203-13
819	117-133	THREADING FG	25	MS-43. 203-12
841	118-79	DRUM ERROR	26	MS-43. 203-11
751	115-24. 118-72	DRUM FG	27	MS-43. 203-10
842	118-82	DRUM DIR CONT	28	MS-43. 203-9
843	118-81	DRUM CURRENT	29	MS-43. 203-8
844	118-71	DRUM PG	30	MS-43. 203-7
845	118-62	CAPSTAN FG A	31	MS-43. 203-6
846	118-63	CAPSTAN FG B	32	MS-43. 203-5
826	117-134	EEPROM-SV RESET	33	MS-43. 203-4
815	117-125	L:MS EXIST	34	MS-43. 203-3
5V		REG GND	35	MS-43. 203-2
		REG +5V	36	MS-43. 203-1

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847	118-67	TENSION SENSOR VEE	1	MS-43. 206-36
848	118-65	TENSION SENSOR (+)	2	MS-43. 206-35
849	118-66	TENSION SENSOR (-)	3	MS-43. 206-34
730	115-29. 118-64	REF +5V	4	MS-43. 206-33
749	115-18	TAPE END	5	MS-43. 206-32
744	115-67	SV SI1	6	MS-43. 206-31
766	115-66. 118-57. 120-89	SV SO1	7	MS-43. 206-30
743	115-65. 118-56. 120-91	SV SCK1	8	MS-43. 206-29
818	117-131	EE-PROM SV CS	9	MS-43. 206-28
825	117-132	EE-PROM SV BUSY	10	MS-43. 206-27
905	115-21	THERMO SENSOR	11	MS-43. 206-26
850	118-124	T REEL MOTOR (-)	12	MS-43. 206-25
851	118-120	T REEL MOTOR (+)	13	MS-43. 206-24
852	118-123	T BRAKE SOL. HOLDER	14	MS-43. 206-23
853	118-122	T BRAKE SOL. STARTER	15	MS-43. 206-22
854	118-126	T BRAKE SOL. VCC	16	MS-43. 206-21
828	117-138	T REEL FG B	17	MS-43. 206-20
821	117-137	T REEL FG A	18	MS-43. 206-19
855	118-112	S REEL MOTOR (+)	19	MS-43. 206-18
856	118-116	S REEL MOTOR (-)	20	MS-43. 206-17
857	118-115	S BRAKE SOL. HOLDER	21	MS-43. 206-16
858	118-114	S BRAKE SOL. STARTER	22	MS-43. 206-15
859	118-118	S BRAKE SOL. VCC	23	MS-43. 206-14
827	117-136	S REEL FG B	24	MS-43. 206-13
820	117-135	S REEL FG A	25	MS-43. 206-12
860	118-104	POSITION MOTOR (-)	26	MS-43. 206-11
861	118-102	POSITION MOTOR (+)	27	MS-43. 206-10
748	115-16	TAPE TOP	28	MS-43. 206-9
862	118-74	TOP/END LED VCC	29	MS-43. 206-8
863	118-26	H:S POSITION	30	MS-43. 206-7
864	118-25	H:L POSITION	31	MS-43. 206-6
431	702-24	MIC GND	32	MS-43. 206-5
432	702-25	MIC SCK	33	MS-43. 206-4
433	702-26	MIC SDA	34	MS-43. 206-3
434	702-27	MIC VCC	35	MS-43. 206-2
865	118-32	REC INH SW (X)	36	MS-43. 206-1

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MB-640 (7/13) : MOTHER BOARD

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785	118-3. 120-19/20/23. 501-29	REC-E1 PB RF (G)	1	2	REC-E1 PB (X)	120-12
785	118-1. 120-19/20/23. 501-29	REC-E1 PB RF (G)	3	4	REC-E2 PB (X)	120-11
867	119-10	REG GND (PB A RF)	5	6	PB A RF (X)	119-12
868	119-53	REG GND (PB B RF)	7	8	PB B RF (X)	119-54
869	119-67	REG GND (PB C RF)	9	10	PB C RF (X)	119-68
870	119-2. 120-2	EQ SCK	11	12	EQ SI	119-4. 120-4
871	119-3. 120-3	EQ SO	13	14	SSA 30-R	120-14
676	111-148	R-VAR TRP	15	16	P-VAR TRP	112-73
872	119-119. 120-119	VIT SCK	17	18	VIT SI	119-120. 120-120
873	119-117. 120-117	VIT SO	19	20	DRUM GATE	115-9
746	115-12	DRUM SCK	21	22	DRUM SI	115-11
745	115-10	DRUM SO	23	24	L:CPU RESET	115-17. 106-79. 113-10. 702-18. 108-131
864	506-31	H:L POSITION	25	26	H:S POSITION	506-30
807	505-2	CAS IN1	27	28	CAS IN2	505-3
809	505-4	COMP.EXIST	29	30	CC DOWN 1	505-5
811	505-6	CC DOWN 2	31	32	REC INH SW (X)	506-36
836	503-8	TH END	33	34	UNTH END	503-7
812	505-7	CAS IN3	35	36	EEPROM-EQ BUSY	119-1. 120-1
874	119-5. 120-5	EEPROM-EQ CS	37	38	EQ CS A	119-25
875	119-49	EQ CS B	39	40	EQ CS C	119-79
876	119-99	EQ CS D	41	42	EQ CS E	120-42
877	120-43	FN SEL	43	44	FN/2 SEL	120-44
878	120-45	ITI CENTER MODE	45	46	REC SW REF	120-46. 110-43
646	115-8. 110-44. 120-47	PB SW REF	47	48	VIT CS A	119-28
879	119-50	VIT CS B	49	50	VIT CS C	119-82
880	119-102	VIT CS D	51	52	VIT CS E	120-52
747	115-14	DRUM BUSY	53	54	DRUM CS	115-13
731	115-31	ADJ D/A LD	55	56	SV SCK1	115-65. 506-8. 120-91
766	115-66. 506-7. 120-89	SV SO1	57	58	CAP FG A PULSE	103-54. 115-27
752	115-28	CAP FG B PULSE	59	60	PB D RF (X)	119-106
756	115-38	SPARE SV/SY	61	62	CAPSTAN FG A	503-31
846	503-32	CAPSTAN FG B	63	64	REF +5V	115-29. 506-4
848	506-2	TENSION SENSOR (+)	65	66	TENSION SENSOR (-)	506-3
847	506-1	TENSION SENSOR VEE	67	68	TENSION CURRENT	115-32
729	115-23	TENSION ERROR DC	69	70	REF 150	115-22
844	503-30	DRUM PG	71	72	DRUM FG	115-24. 503-27
728	115-15	TOP/END LED PULSE	73	74	TOP/END LED VCC	506-29
			75	76		
			77	78	CLEANING SOL. HOLDER	503-19
841	503-26	DRUM ERROR	79	80	CLEANING SOL. STARTER	503-9
843	503-29	DRUM CURRENT	81	82	DRUM DIR CONT	503-28
834	503-6	PINCH SOL. HOLDER	83	84	CLEANING SOL. VCC	503-10
822	117-139	CAPSTAN DIR (L:FWD)	85	86	PINCH SOL. STARTER	503-5
764	115-54	H:CAPSTAN STOP	87	88	PINCH SOL. VCC	503-4
806	505-1	CC DOWN 3	89	90	CAPSTAN DIR CONT	503-1
732	115-33	CAPSTAN ERROR	91	92	CAPSTAN DRIVE	503-3
754	115-34	CAPSTAN CURRENT	93	94	THREADING ERROR	115-36
733	115-37	H:TH/UNTH POWER ON	95	96	THREADING MOTOR (+)	503-23
735	115-41	THREADING CONT1	97	98	THREADING CURRENT	115-39
736	115-43	THREADING CONT2	99	100	THREADING MOTOR (-)	503-24
758	115-42	POSITION CONT1	101	102	POSITION MOTOR (+)	506-27
759	115-44	POSITION CONT2	103	104	POSITION MOTOR (-)	506-26
757	115-40	POSITION CURRENT	105	106	CC UP/DOWN CURRENT	115-45
760	115-46	CC UP/DOWN CONT1	107	108	CC UP/DOWN MOTOR (+)	505-13
738	115-47	CC UP/DOWN CONT2	109	110	CC UP/DOWN MOTOR (-)	505-12
739	115-49	H:S REEL POWER ON	111	112	S REEL MOTOR (+)	506-19
762	115-50	S REEL ERROR	113	114	S BRAKE SOL. STARTER	506-22
857	506-21	S BRAKE SOL. HOLDER	115	116	S REEL MOTOR (-)	506-20
761	115-48	S REEL CURRENT	117	118	S BRAKE SOL. VCC	506-23
741	115-53	H:T REEL POWER ON	119	120	T REEL MOTOR (+)	506-13
763	115-52	T REEL ERROR	121	122	T BRAKE SOL. STARTER	506-15
852	506-14	T BRAKE SOL. HOLDER	123	124	T REEL MOTOR (-)	506-12
740	115-51	T REEL CURRENT	125	126	T BRAKE SOL. VCC	506-16
3V		REG +3V	127	128	REG +5V	
		REG +3V	129	130	REG +5V	
-5V		UNREG -5V	131	132	UNREG +6.8V	
		UNREG -5V	133	134	UNREG +6.8V	
-12V		UNREG -12V	135	136	UNREG +12V	
		UNREG -12V	137	138	UNREG +12V	
		REG GND	139	140	REG GND	
		REG GND	141	142	REG GND	
		REG GND	143	144	REG GND	
		UNREG GND (DRIVE)	145	146	UNREG GND (DRIVE)	
		UNREG GND (DRIVE)	147	148	UNREG GND (DRIVE)	

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889	118-36. 120-1	EEPROM-EQ BUSY	1	2	EQ SCK	118-11. 120-2
871	118-13. 120-3	EQ SO	3	4	EQ SI	118-12. 120-4
874	118-37. 120-5	EEPROM-EQ CS	5	6	N.C	
904	112-34	RF MUTE	7	8	H:INS	115-80. 120-62
		UNREG GND	9	10	REG GND (PB A RF)	118-5
			11	12	PB A RF (X)	118-6
		UNREG GND	13	14	E1-PB (Y)	502-11
		UNREG GND	15	16	E1-PB (X)	120-34. 502-12
		UNREG GND	17	18	E1-SP (Y)	502-23
		UNREG GND	19	20	E1-SP (X)	120-26. 502-24
		UNREG GND	21	22	UNREG GND	
		UNREG GND	23	24	UNREG GND	
890	118-38	EQ CS A	25	26	PLL LOCK A	
642	110-36	SWP A	27	28	VIT CS A	118-48
		REG GND	29	30	REG GND	
		REG GND	31	32	REG GND	
		REG GND	33	34	ODD DATA A	110-6
632	110-8	HPB CK A	35	36	EVEN DATA A	110-4
		REG GND	37	38	REG GND	
		REG GND	39	40	REG GND	
		REG GND	41	42	EVEN DATA B	110-12
635	110-16	HPB CK B	43	44	ODD DATA B	110-14
		REG GND	45	46	REG GND	
		REG GND	47	48	PLL LOCK B	
875	118-39	EQ CS B	49	50	VIT CS B	118-49
643	110-38	SWP B	51	52	UNREG GND	
868	118-7	REG GND (PB B RF)	53	54	PB B RF (X)	118-8
		REG GND	55	56	O1-PB (Y)	502-2
		REG GND	57	58	O1-PB (X)	120-40. 502-3
		REG GND	59	60	O1-SP (Y)	502-14
		REG GND	61	62	O1-SP (X)	120-32. 502-15
		REG GND	63	64	UNREG GND	
		REG GND	65	66	UNREG GND	
869	118-9	REG GND (PB C RF)	67	68	PB C RF (X)	118-10
		REG GND	69	70	E2-PB (Y)	502-8
		REG GND	71	72	E2-PB (X)	120-36. 502-9
		REG GND	73	74	E2-SP (Y)	502-20
		REG GND	75	76	E2-SP (X)	120-28. 502-21
		REG GND	77	78	UNREG GND	
891	118-40	EQ CS C	79	80	PLL LOCK C	
644	110-40	SWP C	81	82	VIT CS C	118-50
		REG GND	83	84	REG GND	
		REG GND	85	86	ODD DATA C	110-22
638	110-24	HPB CK C	87	88	EVEN DATA C	110-20
		REG GND	89	90	REG GND	
		REG GND	91	92	REG GND	
		REG GND	93	94	EVEN DATA D	110-28
641	110-32	HPB CK D	95	96	ODD DATA D	110-30
		REG GND	97	98	REG GND	
876	118-41	EQ CS D	99	100	PLL LOCK D	
645	110-42	SWP D	101	102	VIT CS D	118-51
		UNREG GND	103	104	UNREG GND	
		UNREG GND	105	106	PB D RF (X)	118-60
		UNREG GND	107	108	O2-PB (Y)	502-5
		UNREG GND	109	110	O2-PB (X)	120-38. 502-6
		UNREG GND	111	112	O2-SP (Y)	502-17
		UNREG GND	113	114	O2-SP (X)	120-30. 502-18
		UNREG GND	115	116	UNREG GND	
873	118-19. 120-117	VIT SO	117	118	L:CHCD RESET	110-84. 117-9. 120-118
872	118-17. 120-119	VIT SCK	119	120	VIT SI	118-18. 120-120
721	114-18. 120-121	P-HCK EQ	121	122	REG GND	
		REG GND	123	124	REG GND	
		REG GND	125	126	REG GND	
3V		REG +3V	127	128	REG +5V	
		REG +3V	129	130	REG +5V	
-5V		UNREG -5V	131	132	UNREG +6.8V	
		UNREG -5V	133	134	UNREG +6.8V	
-12V		UNREG -12V	135	136	UNREG +12V	
		UNREG -12V	137	138	UNREG +12V	
		REG GND	139	140	REG GND	
		REG GND	141	142	REG GND	
		REG GND	143	144	REG GND	
		UNREG GND	145	146	UNREG GND	
		UNREG GND	147	148	UNREG GND	

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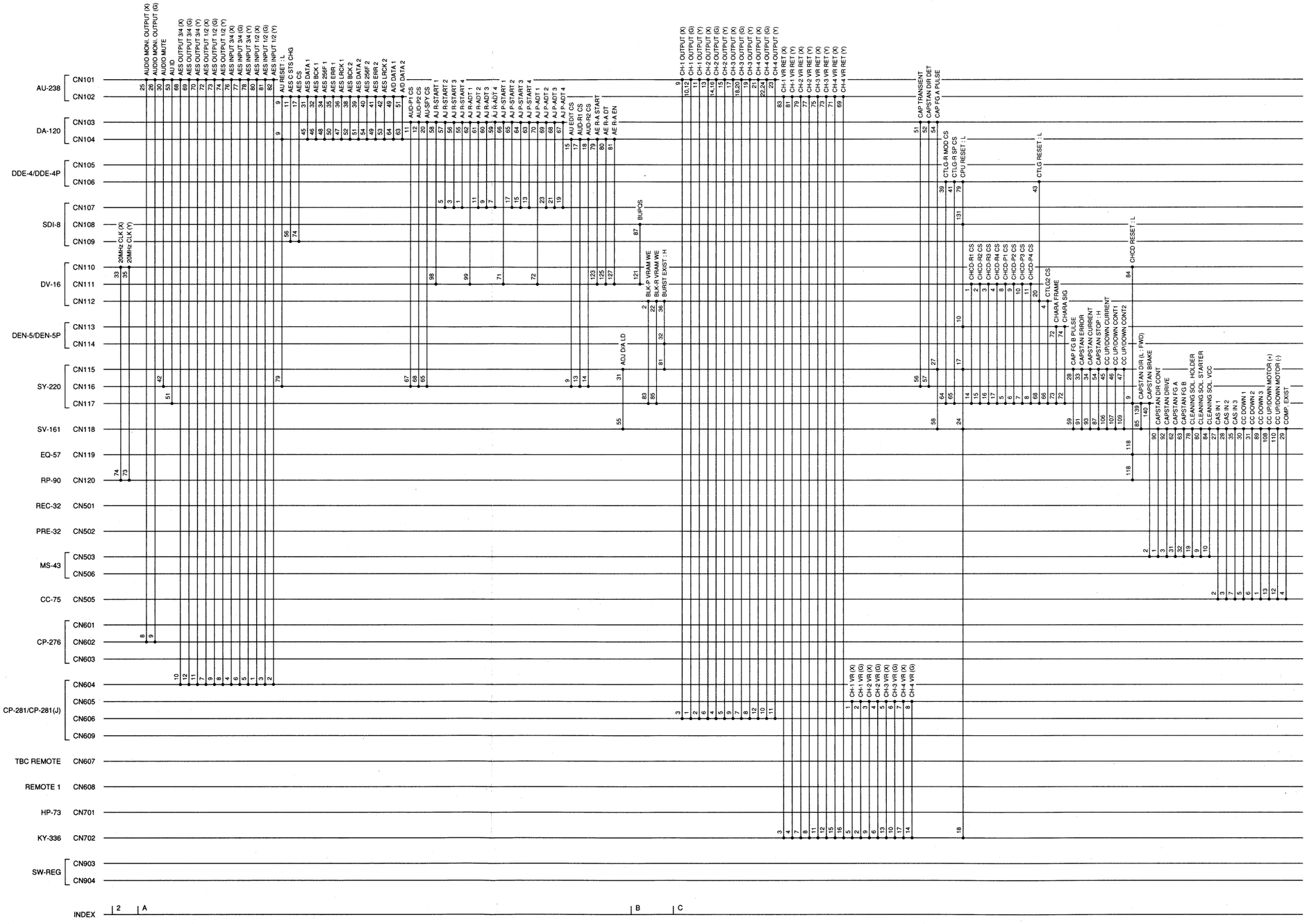
889	119-1. 118-36	EEPROM-EQ BUSY	1	2	EQ SCK	119-2. 118-11
871	119-3. 118-13	EQ SO	3	4	EQ SI	119-4. 118-12
874	119-5. 118-37	EEPROM-EQ CS	5	6		
		REG GND	7	8	REG GND	
		REG GND	9	10	REG GND	
882	118-4	REC-E2 PB (X)	11	12	REC-E1 PB (X)	118-2
			13	14	SSA 30-R	118-14
		REG GND	15	16	REG GND	
786	501-30	REC-E1 PB RF (Y)	17	18	REC-E1 PB RF (X)	501-31
785	118-1/3. 501-29. 120-20/23	REC-E1 PB RF (G)	19	20	REC-E1 PB RF (G)	118-1/3. 501-29. 120-19/23
		REG GND	21	22	REG GND	
785	118-1/3. 501-29. 120-19/20	REC-E1 PB RF (G)	23	24	REC-E2 PB RF (X)	501-28
		REG GND	25	26	E1-SP (X)	119-20. 502-24
		REG GND	27	28	E2-SP (X)	119-76. 502-21
		REG GND	29	30	O2-SP (X)	119-114. 502-18
		REG GND	31	32	O1-SP (X)	119-62. 502-15
		REG GND	33	34	E1-PB (X)	119-16. 502-12
		REG GND	35	36	E2-PB (X)	119-72. 502-9
		REG GND	37	38	O2-PB (X)	119-110. 502-6
		REG GND	39	40	O1-PB (X)	119-58. 502-3
			41	42	EQ CS E	118-42
877	118-43	FN SEL	43	44	FN/2 SEL	118-44
878	118-45	ITI CENTER MODE	45	46	REC SW REF	118-46. 110-43
646	118-47. 110-44. 115-8	PB SW REF	47	48		
			49	50		
			51	52	VIT CS E	118-52
			53	54		
			55	56		
			57	58		
			59	60		
			61	62	H:INS	115-80. 119-8
613	110-13. 501-19	H:REC AREA-B	63	64	H:REC AREA-A	110-7. 501-23
619	110-25. 501-11	H:REC AREA-D	65	66	H:REC AREA-C	110-19. 501-15
626	110-39. 501-2	ERASE CD	67	68	ERASE AB	110-37. 501-6
			69	70		
			71	72		
624	110-35	20MHZ CLK (Y)	73	74	20MHZ CLK (X)	110-33
		REG GND	75	76	REG GND	
621	110-29	REC CLK (Y)	77	78	REC CLK (X)	110-27
622	110-31	REC CLK (G)	79	80	REG GND	
609	110-5	REC DATA A (Y)	81	82	REC DATA A (X)	110-3
612	110-11	REC DATA B (Y)	83	84	REC DATA B (X)	110-9
615	110-17	REC DATA C (Y)	85	86	REC DATA C (X)	110-15
618	110-23	REC DATA D (Y)	87	88	REC DATA D (X)	110-21
766	115-66. 506-7. 118-57	SV SO1	89	90	PLL LOCK REC A	NC
743	115-65. 506-8. 118-56	SV SCK1	91	92	SSA60-R	110-41
742	115-63	REC CUR D/A LD	93	94		
		GND	95	96	REC-E1 CUR	501-22
781	501-24	REC-E1 (Y)	97	98	REC-E1 (X)	501-25
		GND	99	100	REC-O1 CUR	501-14
775	501-16	REC-O1 (Y)	101	102	REC-O1 (X)	501-17
		GND	103	104	REC-E2 CUR	501-18
778	501-20	REC-E2 (Y)	105	106	REC-E2 (X)	501-21
		GND	107	108	REC-O2 CUR	501-10
772	501-12	REC-O2 (Y)	109	110	REC-O2 (X)	501-13
		GND	111	112	GND	
768	501-3	ERASE-B (X)	113	114	ERASE-A (X)	501-8
767	501-1	ERASE-B CUR	115	116	ERASE-A CUR	501-5
873	119-117. 118-19	VIT SO	117	118	L:CHCD RESET	119-118. 110-84. 117-9
872	119-119. 118-17	VIT SCK	119	120	VIT SI	119-120. 118-18
721	114-18. 119-121	P-HCK EQ	121	122	L:ERASE	502-13
765	115-64	L:ERASE ON	123	124	H:X1	502-16. 501-26
10V		REG +10V	125	126	TPE	502-19. 501-33
3V		REG +3V	127	128	REG +5V	
		REG +3V	129	130	REG +5V	
-5V		UNREG -5V	131	132	UNREG +6.8V	
		UNREG -5V	133	134	UNREG +6.8V	
-12V		UNREG -12V	135	136	UNREG +12V	
		UNREG -12V	137	138	UNREG +12V	
		REG GND	139	140	REG GND	
		REG GND	141	142	REG GND	
		REG GND	143	144	REG GND	
		UNREG GND	145	146	UNREG GND	
		UNREG GND	147	148	UNREG GND	

MB-640 (8/13) : MOTHER BOARD



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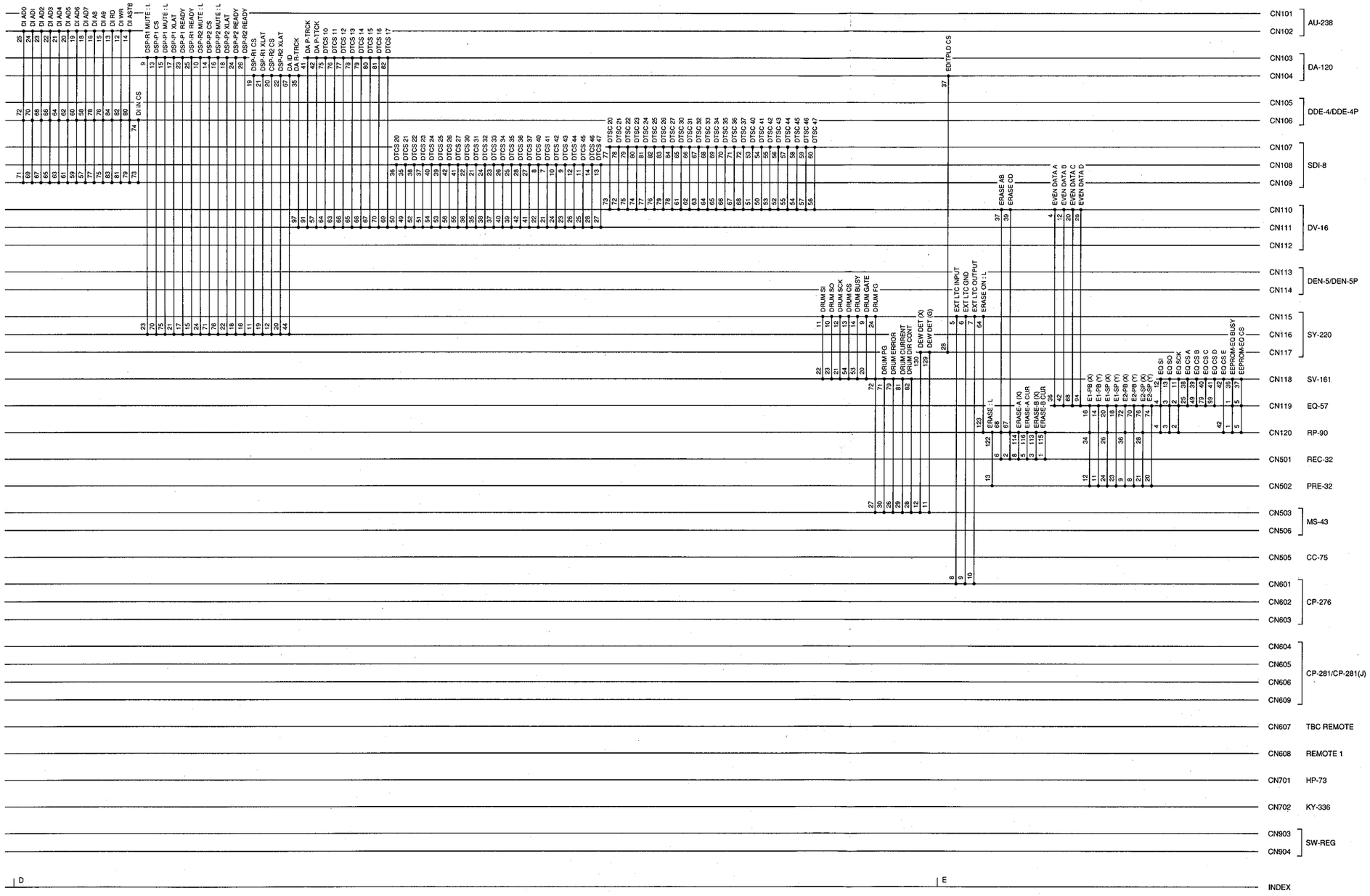

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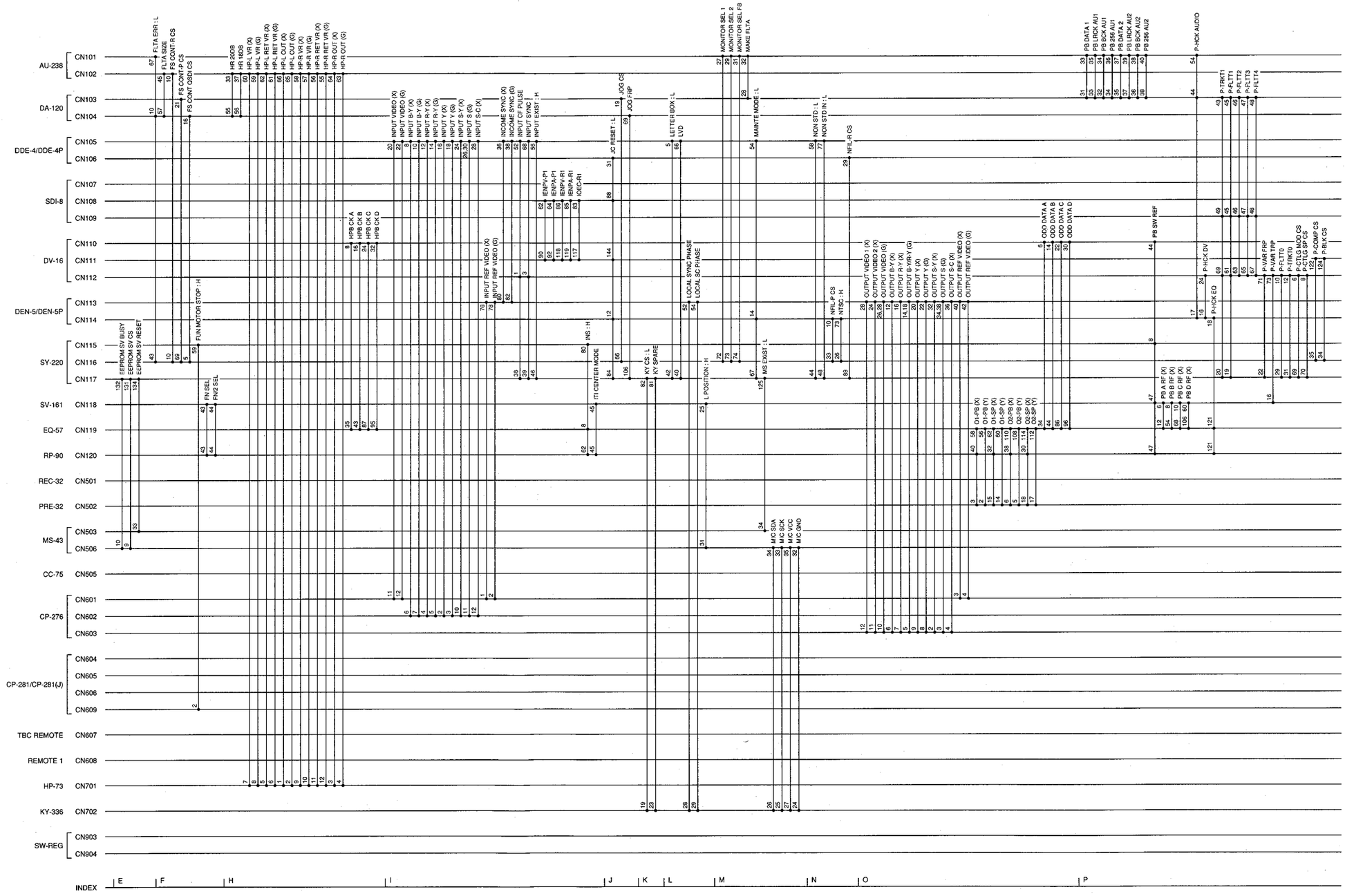
MB-640 (10/13) : MOTHER BOARD



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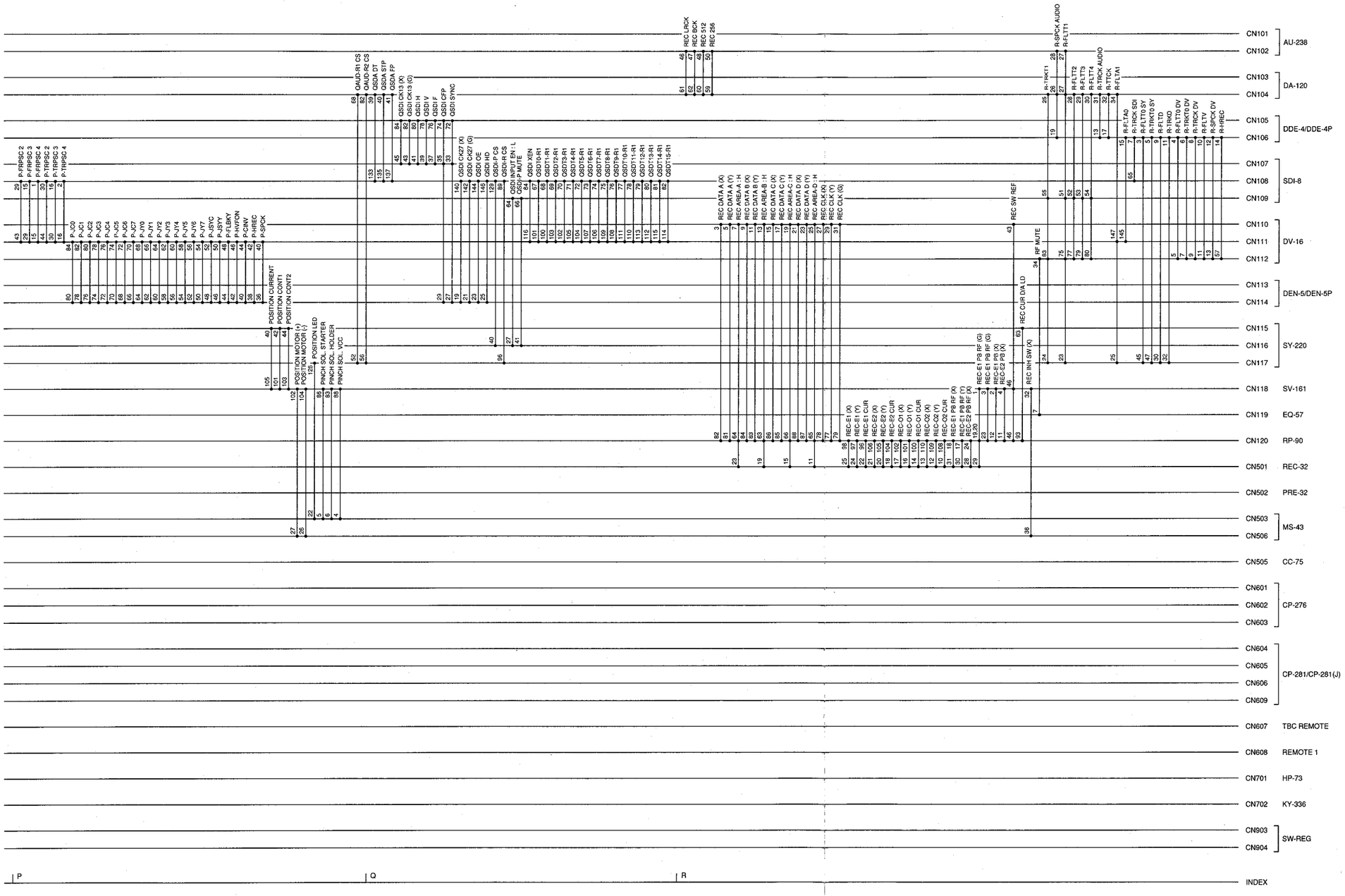
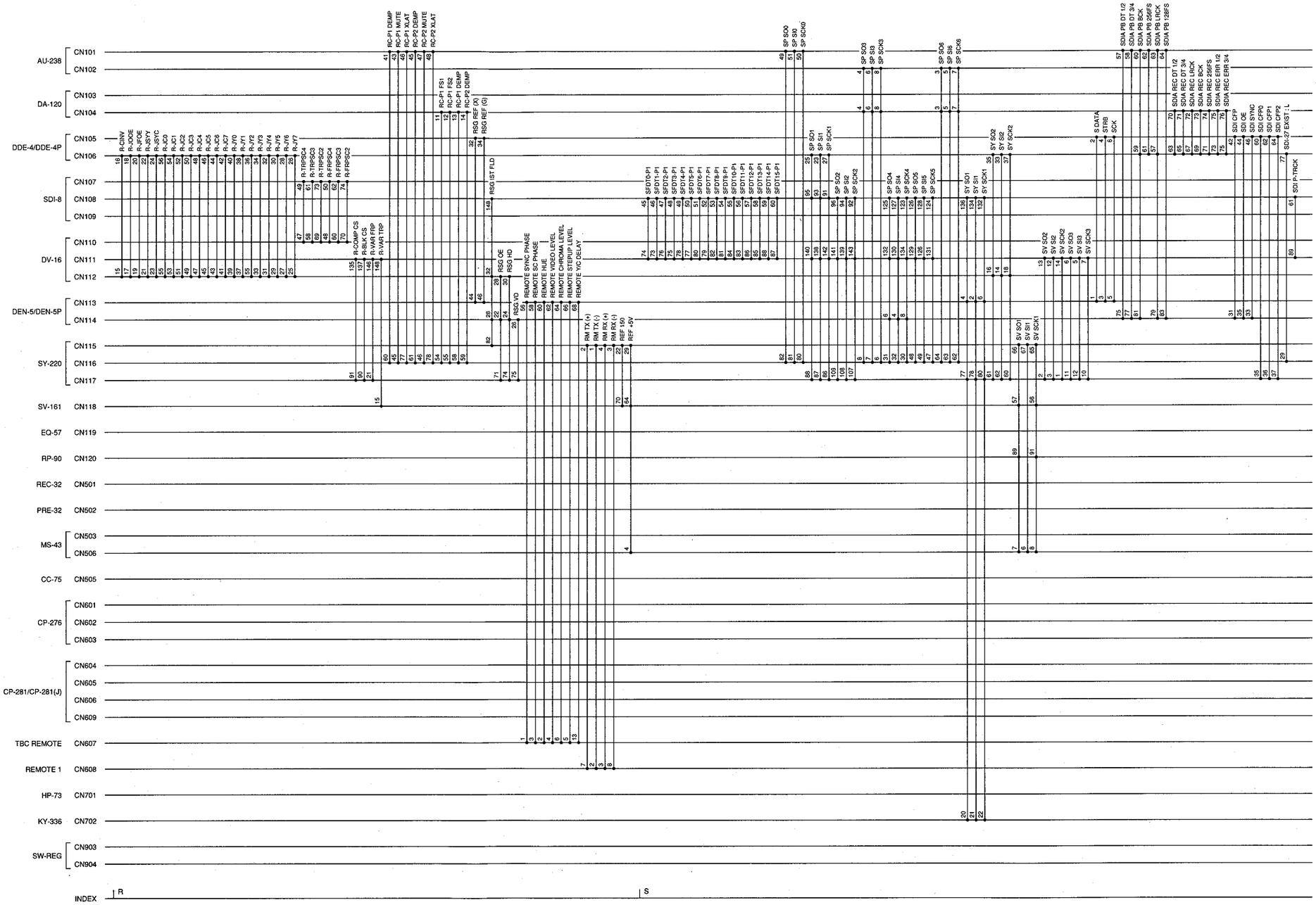
MB-640 (11/13) : MOTHER BOARD



MB-640 (12/13) : MOTHER BOARD



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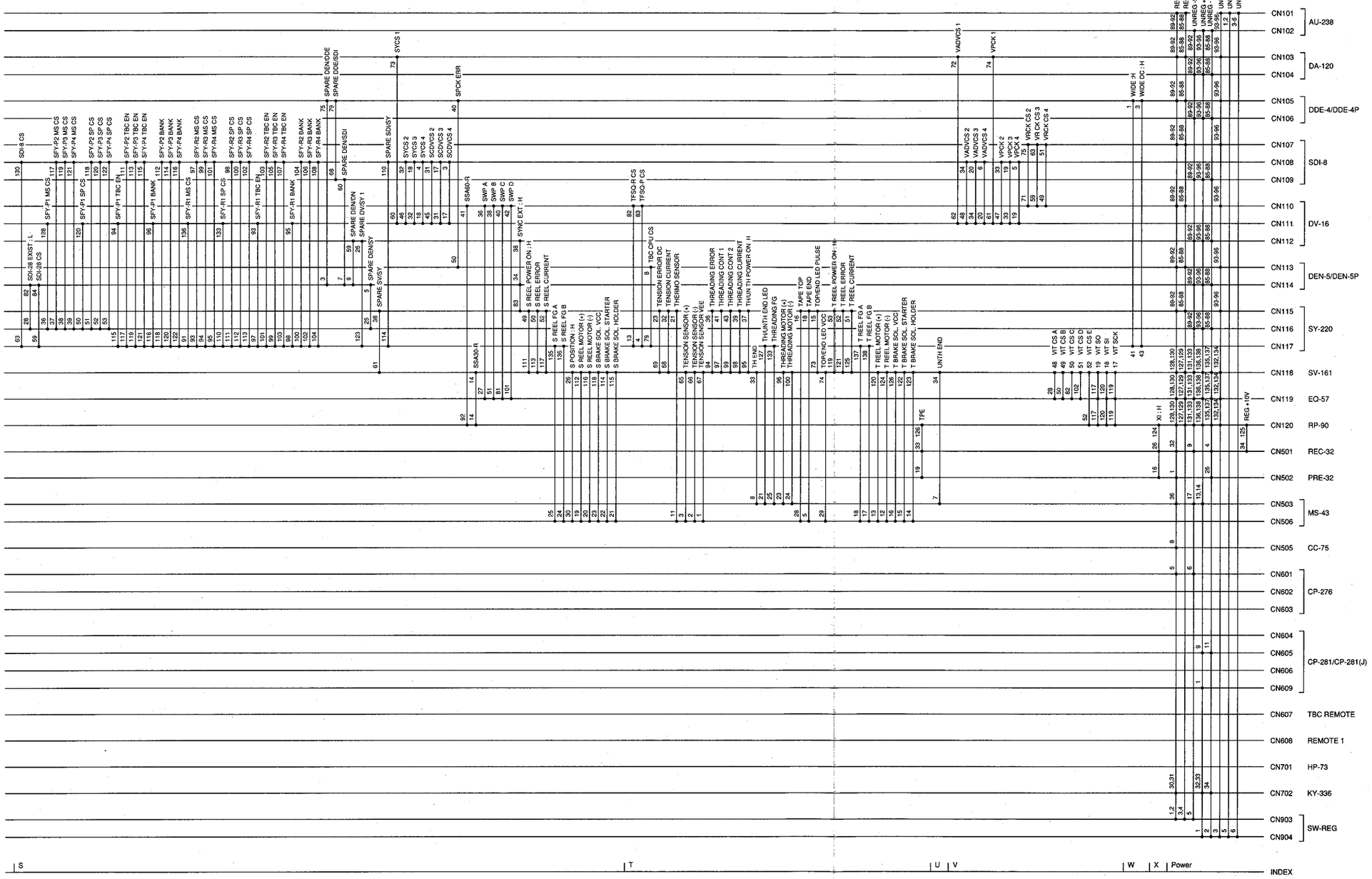
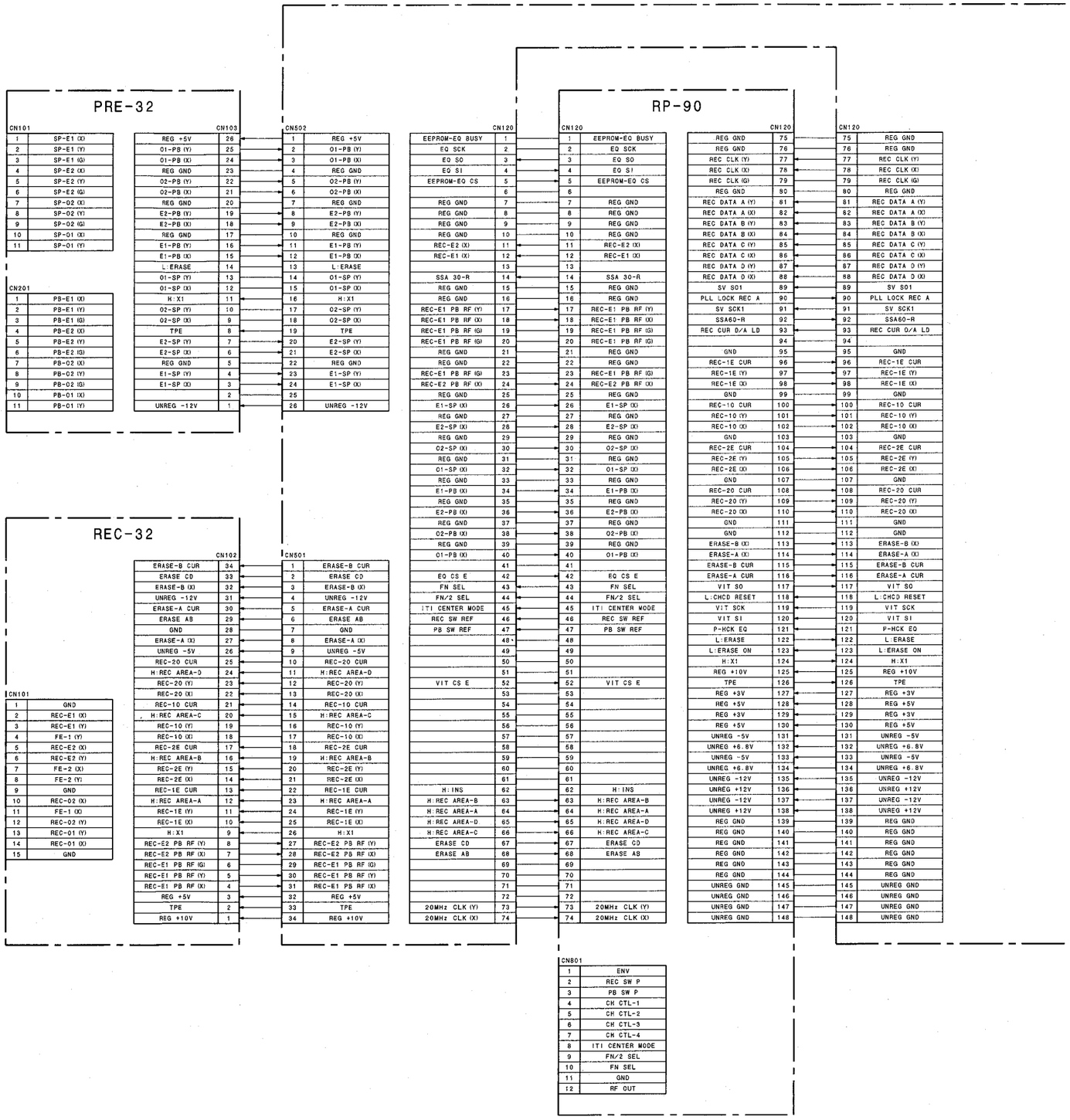
MB-640 (13/13) : MOTHER BOARD



FRAME (1/5)


PRE-32
CN101
1 SP-E1 (X)
2 SP-E1 (Y)
3 SP-E1 (G)
4 SP-E2 (X)
5 SP-E2 (Y)
6 SP-E2 (G)
7 SP-02 (X)
8 SP-02 (Y)
9 SP-02 (G)
10 SP-01 (X)
11 SP-01 (Y)
CN201
1 PB-E1 (X)
2 PB-E1 (Y)
3 PB-E1 (G)
4 PB-E2 (X)
5 PB-E2 (Y)
6 PB-E2 (G)
7 PB-02 (X)
8 PB-02 (Y)
9 PB-02 (G)
10 PB-01 (X)
11 PB-01 (Y)
CN103
REG +5V 26
01-PB (Y) 25
01-PB (X) 24
REG GND 23
02-PB (Y) 22
02-PB (X) 21
REG GND 20
E2-PB (Y) 19
E2-PB (X) 18
REG GND 17
E1-PB (Y) 16
E1-PB (X) 15
L:ERASE 14
01-SP (Y) 13
01-SP (X) 12
H:X1 11
02-SP (Y) 10
02-SP (X) 9
TPE 8
E2-SP (Y) 7
E2-SP (X) 6
REG GND 5
E1-SP (Y) 4
E1-SP (X) 3
2
UNREG -12V 1
CN502
1 REG +5V
2 01-PB (Y)
3 01-PB (X)
4 REG GND
5 02-PB (Y)
6 02-PB (X)
7 REG GND
8 E2-PB (Y)
9 E2-PB (X)
10 REG GND
11 E1-PB (Y)
12 E1-PB (X)
13 L:ERASE
14 01-SP (Y)
15 01-SP (X)
16 H:X1
17 02-SP (Y)
18 02-SP (X)
19 TPE
20 E2-SP (Y)
21 E2-SP (X)
22 REG GND
23 E1-SP (Y)
24 E1-SP (X)
25
26 UNREG -12V
REC-32
CN101
1 GND
2 REC-E1 (X)
3 REC-E1 (Y)
4 FE-1 (Y)
5 REC-E2 (X)
6 REC-E2 (Y)
7 FE-2 (X)
8 FE-2 (Y)
9 GND
10 REC-02 (X)
11 FE-1 (X)
12 REC-02 (Y)
13 REC-01 (Y)
14 REC-01 (X)
15 GND
CN102
ERASE-B CUR 34
ERASE CD 33
ERASE-B (X) 32
UNREG -12V 31
ERASE-A CUR 30
ERASE AB 29
GND 28
ERASE-A (X) 27
UNREG -5V 26
REC-20 CUR 25
H:REC AREA-D 24
REC-20 (Y) 23
REC-20 (X) 22
REC-10 CUR 21
H:REC AREA-C 20
REC-10 (Y) 19
REC-10 (X) 18
REC-2E CUR 17
H:REC AREA-B 16
REC-2E (Y) 15
REC-2E (X) 14
REC-1E CUR 13
H:REC AREA-A 12
REC-1E (Y) 11
REC-1E (X) 10
H:X1 9
REC-E2 PB RF (Y) 8
REC-E2 PB RF (X) 7
REC-E1 PB RF (G) 6
REC-E1 PB RF (Y) 5
REC-E1 PB RF (X) 4
REG +5V 3
TPE 2
REG +10V 1
CN501
1 ERASE-B CUR
2 ERASE CD
3 ERASE-B (X)
4 UNREG -12V
5 ERASE-A CUR
6 ERASE AB
7 GND
8 ERASE-A (X)
9 UNREG -5V
10 REC-20 CUR
11 H:REC AREA-D
12 REC-20 (Y)
13 REC-20 (X)
14 REC-10 CUR
15 H:REC AREA-C
16 REC-10 (Y)
17 REC-10 (X)
18 REC-2E CUR
19 H:REC AREA-B
20 REC-2E (Y)
21 REC-2E (X)
22 REC-1E CUR
23 H:REC AREA-A
24 REC-1E (Y)
25 REC-1E (X)
26 H:X1
27 REC-E2 PB RF (Y)
28 REC-E2 PB RF (X)
29 REC-E1 PB RF (G)
30 REC-E1 PB RF (Y)
31 REC-E1 PB RF (X)
32 REG +5V
33 TPE
34 REG +10V
RP-90
CN120
EEPROM-EQ BUSY 1
EQ SCK 2
EQ SO 3
EQ SI 4
EEPROM-EQ CS 5
6
REG GND 7
REG GND 8
REG GND 9
REG GND 10
REC-E2 (X) 11
REC-E1 (X) 12
13
SSA 30-R 14
REG GND 15
REG GND 16
REC-E1 PB RF (Y) 17
REC-E1 PB RF (X) 18
REC-E1 PB RF (G) 19
REC-E1 PB RF (G) 20
REG GND 21
REG GND 22
REC-E1 PB RF (G) 23
REC-E2 PB RF (X) 24
REG GND 25
E1-SP (X) 26
REG GND 27
E2-SP (X) 28
REG GND 29
02-SP (X) 30
REG GND 31
01-SP (X) 32
REG GND 33
E1-PB (X) 34
REG GND 35
E2-PB (X) 36
REG GND 37
02-PB (X) 38
REG GND 39
01-PB (X) 40
41
EQ CS E 42
FN SEL 43
FN/2 SEL 44
ITI CENTER MODE 45
REC SW REF 46
PB SW REF 47
48
49
50
51
VIT CS E 52
53
54
55
56
57
58
59
60
61
H:INS 62
H:REC AREA-B 63
H:REC AREA-A 64
H:REC AREA-D 65
H:REC AREA-C 66
ERASE CD 67
ERASE AB 68
69
70
71
72
20MHz CLK (Y) 73
20MHz CLK (X) 74
CN120
1 EEPROM-EQ BUSY
2 EQ SCK
3 EQ SO
4 EQ SI
5 EEPROM-EQ CS
6
7 REG GND
8 REG GND
9 REG GND
10 REG GND
11 REC-E2 (X)
12 REC-E1 (X)
13
14 SSA 30-R
15 REG GND
16 REG GND
17 REC-E1 PB RF (Y)
18 REC-E1 PB RF (X)
19 REC-E1 PB RF (G)
20 REC-E1 PB RF (G)
21 REG GND
22 REG GND
23 REC-E1 PB RF (G)
24 REC-E2 PB RF (X)
25 REG GND
26 E1-SP (X)
27 REG GND
28 E2-SP (X)
29 REG GND
30 02-SP (X)
31 REG GND
32 01-SP (X)
33 REG GND
34 E1-PB (X)
35 REG GND
36 E2-PB (X)
37 REG GND
38 02-PB (X)
39 REG GND
40 01-PB (X)
41
42 EQ CS E
43 FN SEL
44 FN/2 SEL
45 ITI CENTER MODE
46 REC SW REF
47 PB SW REF
48
49
50
51
52 VIT CS E
53
54
55
56
57
58
59
60
61
62 H:INS
63 H:REC AREA-B
64 H:REC AREA-A
65 H:REC AREA-D
66 H:REC AREA-C
67 ERASE CD
68 ERASE AB
69
70
71
72
73 20MHz CLK (Y)
74 20MHz CLK (X)
CN120
REG GND 75
REG GND 76
REC CLK (Y) 77
REC CLK (X) 78
REC CLK (G) 79
REG GND 80
REC DATA A (Y) 81
REC DATA A (X) 82
REC DATA B (Y) 83
REC DATA B (X) 84
REC DATA C (Y) 85
REC DATA C (X) 86
REC DATA D (Y) 87
REC DATA D (X) 88
SV SO1 89
PLL LOCK REC A 90
SV SCK1 91
SSA60-R 92
REC CUR D/A LD 93
94
GND 95
REC-1E CUR 96
REC-1E (Y) 97
REC-1E (X) 98
GND 99
REC-10 CUR 100
REC-10 (Y) 101
REC-10 (X) 102
GND 103
REC-2E CUR 104
REC-2E (Y) 105
REC-2E (X) 106
GND 107
REC-20 CUR 108
REC-20 (Y) 109
REC-20 (X) 110
GND 111
GND 112
ERASE-B (X) 113
ERASE-A (X) 114
ERASE-B CUR 115
ERASE-A CUR 116
VIT SO 117
L:CHCD RESET 118
VIT SCK 119
VIT SI 120
P-HCK EQ 121
L:ERASE 122
L:ERASE ON 123
H:X1 124
REG +10V 125
TPE 126
REG +3V 127
REG +5V 128
REG +3V 129
REG +5V 130
UNREG -5V 131
UNREG +6.8V 132
UNREG -5V 133
UNREG +6.8V 134
UNREG -12V 135
UNREG +12V 136
UNREG -12V 137
UNREG +12V 138
REG GND 139
REG GND 140
REG GND 141
REG GND 142
REG GND 143
REG GND 144
UNREG GND 145
UNREG GND 146
UNREG GND 147
UNREG GND 148
CN120
75 REG GND
76 REG GND
77 REC CLK (Y)
78 REC CLK (X)
79 REC CLK (G)
80 REG GND
81 REC DATA A (Y)
82 REC DATA A (X)
83 REC DATA B (Y)
84 REC DATA B (X)
85 REC DATA C (Y)
86 REC DATA C (X)
87 REC DATA D (Y)
88 REC DATA D (X)
89 SV SO1
90 PLL LOCK REC A
91 SV SCK1
92 SSA60-R
93 REC CUR D/A LD
94
95 GND
96 REC-1E CUR
97 REC-1E (Y)
98 REC-1E (X)
99 GND
100 REC-10 CUR
101 REC-10 (Y)
102 REC-10 (X)
103 GND
104 REC-2E CUR
105 REC-2E (Y)
106 REC-2E (X)
107 GND
108 REC-20 CUR
109 REC-20 (Y)
110 REC-20 (X)
111 GND
112 GND
113 ERASE-B (X)
114 ERASE-A (X)
115 ERASE-B CUR
116 ERASE-A CUR
117 VIT SO
118 L:CHCD RESET
119 VIT SCK
120 VIT SI
121 P-HCK EQ
122 L:ERASE
123 L:ERASE ON
124 H:X1
125 REG +10V
126 TPE
127 REG +3V
128 REG +5V
129 REG +3V
130 REG +5V
131 UNREG -5V
132 UNREG +6.8V
133 UNREG -5V
134 UNREG +6.8V
135 UNREG -12V
136 UNREG +12V
137 UNREG -12V
138 UNREG +12V
139 REG GND
140 REG GND
141 REG GND
142 REG GND
143 REG GND
144 REG GND
145 UNREG GND
146 UNREG GND
147 UNREG GND
148 UNREG GND
CN801
1 ENV
2 REC SW P
3 PB SW P
4 CH CTL-1
5 CH CTL-2
6 CH CTL-3
7 CH CTL-4
8 ITI CENTER MODE
9 FN/2 SEL
10 FN SEL
11 GND
12 RF OUT

FRAME (1/5)

MB-640

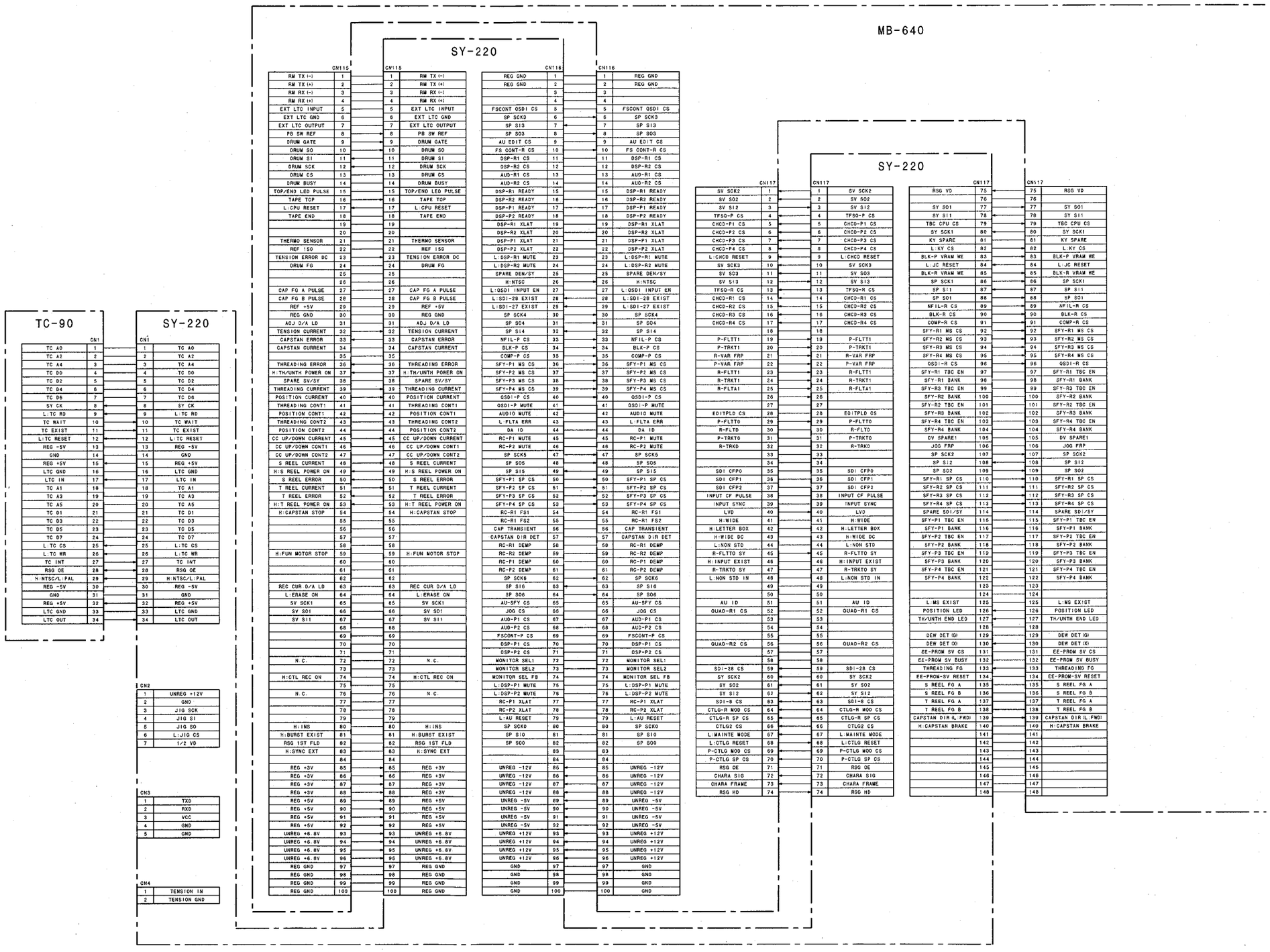
EQ-57

CN119		CN119		CN119		CN119	
EEPROM-EQ BUSY	1	1	EEPROM-EQ BUSY	REG GND	75	75	REG GND
EQ SCK	2	2	EQ SCK	E2-SP (X)	76	76	E2-SP (X)
EQ SO	3	3	EQ SO	REG GND	77	77	REG GND
EQ SI	4	4	EQ SI	UNREG GND	78	78	UNREG GND
EEPROM-EQ CS	5	5	EEPROM-EQ CS	EQ CS C	79	79	EQ CS C
N.C.	6	6	N.C.	PLL LOCK C	80	80	PLL LOCK C
RF MUTE	7	7	RF MUTE	SWP C	81	81	SWP C
H:INS	8	8	H:INS	VIT CS C	82	82	VIT CS C
UNREG GND	9	9	UNREG GND	REG GND	83	83	REG GND
REG GND (PB A RF)	10	10	REG GND (PB A RF)	REG GND	84	84	REG GND
	11	11		REG GND	85	85	REG GND
PB A RF (X)	12	12	PB A RF (X)	ODD DATA C	86	86	ODD DATA C
UNREG GND	13	13	UNREG GND	HPB CK C	87	87	HPB CK C
E1-PB (Y)	14	14	E1-PB (Y)	EVEN DATA C	88	88	EVEN DATA C
UNREG GND	15	15	UNREG GND	REG GND	89	89	REG GND
E1-PB (X)	16	16	E1-PB (X)	REG GND	90	90	REG GND
UNREG GND	17	17	UNREG GND	REG GND	91	91	REG GND
E1-SP (Y)	18	18	E1-SP (Y)	REG GND	92	92	REG GND
UNREG GND	19	19	UNREG GND	REG GND	93	93	REG GND
E1-SP (X)	20	20	E1-SP (X)	EVEN DATA D	94	94	EVEN DATA D
UNREG GND	21	21	UNREG GND	HPB CK D	95	95	HPB CK D
UNREG GND	22	22	UNREG GND	ODD DATA D	96	96	ODD DATA D
UNREG GND	23	23	UNREG GND	REG GND	97	97	REG GND
UNREG GND	24	24	UNREG GND	REG GND	98	98	REG GND
EQ C SA	25	25	EQ C SA	EQ CS D	99	99	EQ CS D
PLL LOCK A	26	26	PLL LOCK A	PLL LOCK D	100	100	PLL LOCK D
SWP A	27	27	SWP A	SWP D	101	101	SWP D
VIT CS A	28	28	VIT CS A	VIT CS D	102	102	VIT CS D
REG GND	29	29	REG GND	UNREG GND	103	103	UNREG GND
REG GND	30	30	REG GND	UNREG GND	104	104	UNREG GND
REG GND	31	31	REG GND	UNREG GND	105	105	UNREG GND
REG GND	32	32	REG GND	PB D RF (X)	106	106	PB D RF (X)
REG GND	33	33	REG GND	UNREG GND	107	107	UNREG GND
ODD DATA A	34	34	ODD DATA A	02-PB (Y)	108	108	02-PB (Y)
HPB CK A	35	35	HPB CK A	UNREG GND	109	109	UNREG GND
EVEN DATA A	36	36	EVEN DATA A	02-PB (X)	110	110	02-PB (X)
REG GND	37	37	REG GND	UNREG GND	111	111	UNREG GND
REG GND	38	38	REG GND	02-SP (Y)	112	112	02-SP (Y)
REG GND	39	39	REG GND	UNREG GND	113	113	UNREG GND
REG GND	40	40	REG GND	02-SP (X)	114	114	02-SP (X)
REG GND	41	41	REG GND	UNREG GND	115	115	UNREG GND
EVEN DATA B	42	42	EVEN DATA B	UNREG GND	116	116	UNREG GND
HPB CK B	43	43	HPB CK B	VIT SO	117	117	VIT SO
ODD DATA B	44	44	ODD DATA B	L:CHCD RESET	118	118	L:CHCD RESET
REG GND	45	45	REG GND	VIT SCK	119	119	VIT SCK
REG GND	46	46	REG GND	VIT SI	120	120	VIT SI
REG GND	47	47	REG GND	P-HCK EQ	121	121	P-HCK EQ
PLL LOCK B	48	48	PLL LOCK B	REG GND	122	122	REG GND
EQ CS B	49	49	EQ CS B	REG GND	123	123	REG GND
VIT CS B	50	50	VIT CS B	REG GND	124	124	REG GND
SWP B	51	51	SWP B	REG GND	125	125	REG GND
UNREG GND	52	52	UNREG GND	REG GND	126	126	REG GND
REG GND (PB B RF)	53	53	REG GND (PB B RF)	REG +3V	127	127	REG +3V
PB B RF (X)	54	54	PB B RF (X)	REG +5V	128	128	REG +5V
REG GND	55	55	REG GND	REG +3V	129	129	REG +3V
01-PB (Y)	56	56	01-PB (Y)	REG +5V	130	130	REG +5V
REG GND	57	57	REG GND	UNREG -5V	131	131	UNREG -5V
01-PB (X)	58	58	01-PB (X)	UNREG +6.8V	132	132	UNREG +6.8V
REG GND	59	59	REG GND	UNREG -5V	133	133	UNREG -5V
01-SP (Y)	60	60	01-SP (Y)	UNREG +6.8V	134	134	UNREG +6.8V
REG GND	61	61	REG GND	UNREG -12V	135	135	UNREG -12V
01-SP (X)	62	62	01-SP (X)	UNREG +12V	136	136	UNREG +12V
REG GND	63	63	REG GND	UNREG -12V	137	137	UNREG -12V
UNREG GND	64	64	UNREG GND	UNREG +12V	138	138	UNREG +12V
REG GND	65	65	REG GND	REG GND	139	139	REG GND
UNREG GND	66	66	UNREG GND	REG GND	140	140	REG GND
REG GND (PB C RF)	67	67	REG GND (PB C RF)	REG GND	141	141	REG GND
PB C RF (X)	68	68	PB C RF (X)	REG GND	142	142	REG GND
REG GND	69	69	REG GND	REG GND	143	143	REG GND
E2-PB (Y)	70	70	E2-PB (Y)	REG GND	144	144	REG GND
REG GND	71	71	REG GND	UNREG GND	145	145	UNREG GND
E2-PB (X)	72	72	E2-PB (X)	UNREG GND	146	146	UNREG GND
REG GND	73	73	REG GND	UNREG GND	147	147	UNREG GND
E2-SP (Y)	74	74	E2-SP (Y)	UNREG GND	148	148	UNREG GND

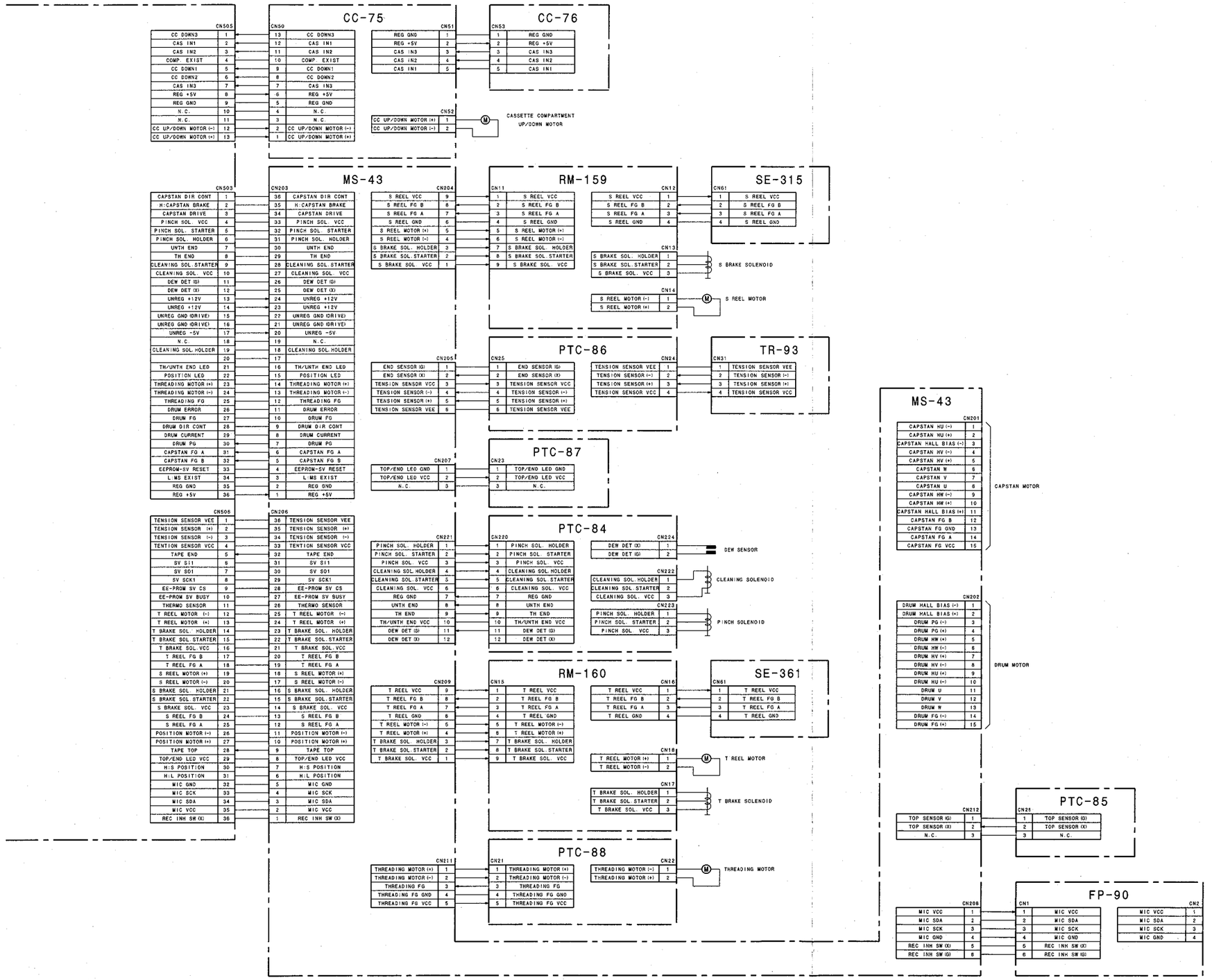
SV-161

CN118		CN118		CN118	
REC-E1 PB RF (G)	1	1	REC-E1 PB RF (G)		75
REC-E1 PB (X)	2	2	REC-E1 PB (X)		76
REC-E1 PB RF (G)	3	3	REC-E1 PB RF (G)		77
REC-E2 PB (X)	4	4	REC-E2 PB (X)	CLEANING SOL.HOLDER	78
REG GND (PB A RF)	5	5	REG GND (PB A RF)	DRUM ERROR	79
PB A RF (X)	6	6	PB A RF (X)	CLEANING SOL.STARTER	80
REG GND (PB B RF)	7	7	REG GND (PB B RF)	DRUM CURRENT	81
PB B RF (X)	8	8	PB B RF (X)	DRUM DIR CONT	82
REG GND (PB C RF)	9	9	REG GND (PB C RF)	PINCH SOL. HOLDER	83
PB C RF (X)	10	10	PB C RF (X)	CLEANING SOL. VCC	84
EQ SCK	11	11	EQ SCK	CAPSTAN DIR (L:FWD)	85
EQ SI	12	12	EQ SI	PINCH SOL. STARTER	86
EQ SO	13	13	EQ SO	H:CAPSTAN STOP	87
SSA 30-R	14	14	SSA 30-R	PINCH SOL. VCC	88
R-VAR TRP	15	15	R-VAR TRP	CC DOWN3	89
P-VAR TRP	16	16	P-VAR TRP	CAPSTAN DIR CONT	90
VIT SCK	17	17	VIT SCK	CAPSTAN ERROR	91
VIT SI	18	18	VIT SI	CAPSTAN DRIVE	92
VIT SO	19	19	VIT SO	CAPSTAN CURRENT	93
DRUM GATE	20	20	DRUM GATE	THREADING ERROR	94
DRUM SCK	21	21	DRUM SCK	H:TH/UNTH POWER ON	95
DRUM SI	22	22	DRUM SI	THREADING MOTOR (+)	96
DRUM SO	23	23	DRUM SO	THREADING CONT1	97
L:CPU RESET	24	24	L:CPU RESET	THREADING CURRENT	98
H:L POSITION	25	25	H:L POSITION	THREADING CONT2	99
H:S POSITION	26	26	H:S POSITION	THREADING MOTOR (-)	100
CAS IN1	27	27	CAS IN1	POSITION CONT1	101
CAS IN2	28	28	CAS IN2	POSITION MOTOR (+)	102
COMP. EXIST	29	29	COMP. EXIST	POSITION CONT2	103
CC DOWN1	30	30	CC DOWN1	POSITION MOTOR (-)	104
CC DOWN2	31	31	CC DOWN2	POSITION CURRENT	105
REC INH SW (X)	32	32	REC INH SW (X)	CC UP/DOWN CURRENT	106
TH END	33	33	TH END	CC UP/DOWN CONT1	107
UNTH END	34	34	UNTH END	CC UP/DOWN MOTOR (+)	108
CAS IN3	35	35	CAS IN3	CC UP/DOWN CONT2	109
EEPROM-EQ BUSY	36	36	EEPROM-EQ BUSY	CC UP/DOWN MOTOR (-)	110
EEPROM-EQ CS	37	37	EEPROM-EQ CS	H:S REEL POWER ON	111
EQ CS A	38	38	EQ CS A	S REEL MOTOR (+)	112
EQ CS B	39	39	EQ CS B	S REEL ERROR	113
EQ CS C	40	40	EQ CS C	S BRAKE SOL. STARTER	114
EQ CS D	41	41	EQ CS D	S BRAKE SOL. HOLDER	115
EQ CS E	42	42	EQ CS E	S REEL MOTOR (-)	116
FN SEL	43	43	FN SEL	S REEL CURRENT	117
FN/2 SEL	44	44	FN/2 SEL	S BRAKE SOL. VCC	118
ITI CENTER MODE	45	45	ITI CENTER MODE	H:T REEL POWER ON	119
REC SW REF	46	46	REC SW REF	T REEL MOTOR (+)	120
PB SW REF	47	47	PB SW REF	T REEL ERROR	121
VIT CS A	48	48	VIT CS A	T BRAKE SOL. STARTER	122
VIT CS B	49	49	VIT CS B	T BRAKE SOL. HOLDER	123
VIT CS C	50	50	VIT CS C	TREEL MOTOR (-)	124
VIT CS D	51	51	VIT CS D	T REEL CURRENT	125
VIT CS E	52	52	VIT CS E	T BRAKE SOL. VCC	126
DRUM BUSY	53	53	DRUM BUSY	REG +3V	127
DRUM CS	54	54	DRUM CS	REG +5V	128
ADJ D/A LD	55	55	ADJ D/A LD	REG +3V	129
SV SCK1	56	56	SV SCK1	REG +5V	130
SV SO1	57	57	SV SO1	UNREG -5V	131
CAP FG A PULSE	58	58	CAP FG A PULSE	UNREG +6.8V	132
CAP FG B PULSE	59	59	CAP FG B PULSE	UNREG -5V	133
PB D RF (X)	60	60	PB D RF (X)	UNREG +6.8V	134
SPARE SV/SY	61	61	SPARE SV/SY	UNREG -12V	135
CAPSTAN FG A	62	62	CAPSTAN FG A	UNREG +12V	136
CAPSTAN FG B	63	63	CAPSTAN FG B	UNREG -12V	137
REF +5V	64	64	REF +8V	UNREG +12V	138
TENSION SENSOR (+)	65	65	TENSION SENSOR (+)	REG GND	139
TENSION SENSOR (-)	66	66	TENSION SENSOR (-)	REG GND	140
TENSION SENSOR VEE	67	67	TENSION SENSOR VEE	REG GND	141
TENSION CURRENT	68	68	TENSION CURRENT	REG GND	142
TENSION ERROR DC	69	69	TENSION ERROR DC	REG GND	143
REF 150	70	70	REF 150	REG GND	144
DRUM PG	71	71	DRUM PG	UNREG GND	145
DRUM FG	72	72	DRUM FG	UNREG GND	146
TOP/END LED PULSE	73	73	TOP/END LED PULSE	UNREG GND	147
TOP/END LED VCC	74	74	TOP/END LED VCC	UNREG GND	148

FRAME (2/5)

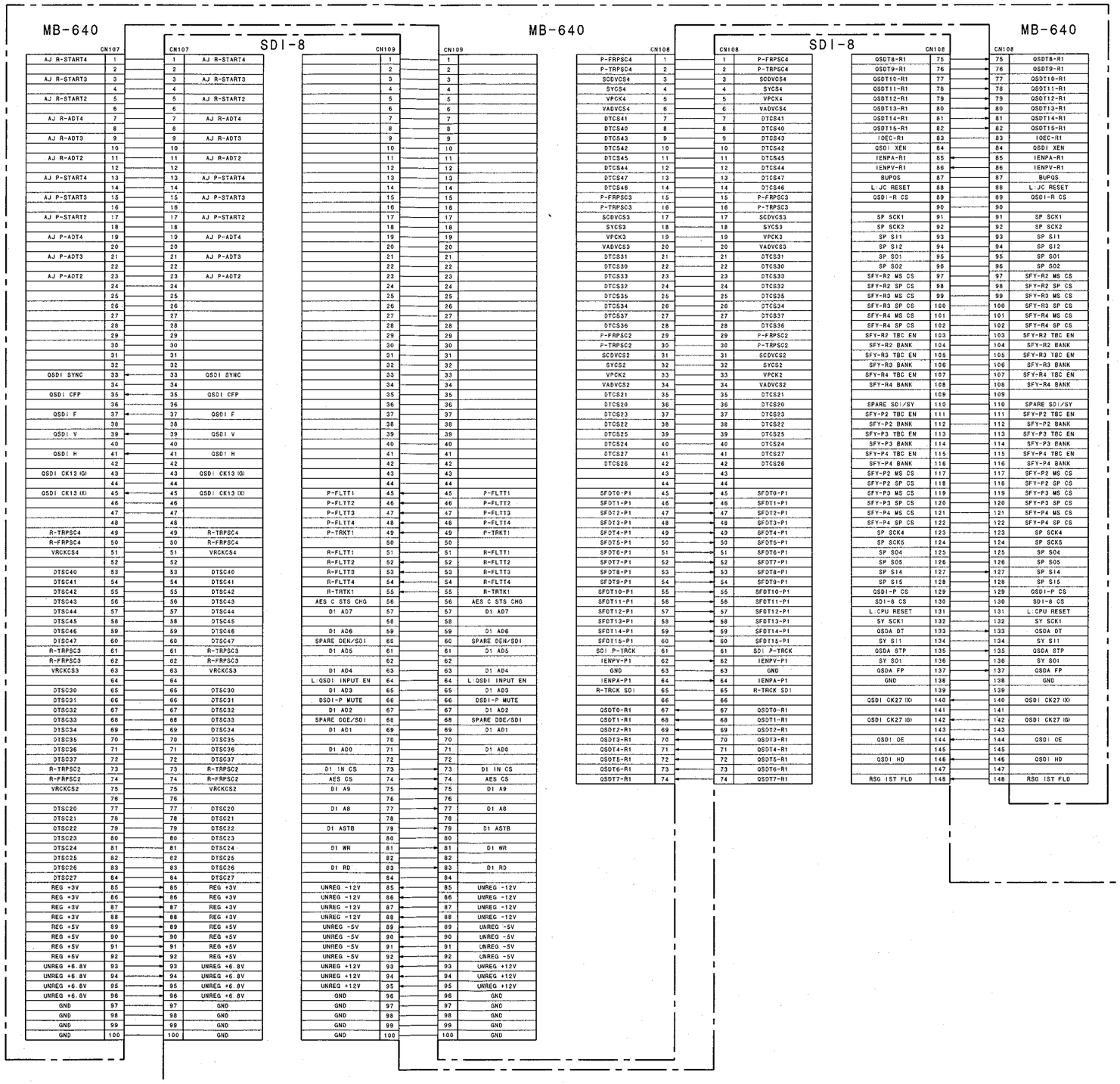


DSR-85/85P



FRAME (2/5)
MODEL DSR-85/85P

FRAME (3/5)


MB-640
CN107
AJ R-START4 1
2
AJ R-START3 3
4
AJ R-START2 5
6
AJ R-ADT4 7
8
AJ R-ADT3 9
10
AJ R-ADT2 11
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QSDI CFP 35
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QSDI F 37
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QSDI V 39
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QSDI H 41
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REG +3V 86
REG +3V 87
REG +3V 88
REG +5V 89
REG +5V 90
REG +5V 91
REG +5V 92
UNREG +6.8V 93
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UNREG +6.8V 96
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GND 98
GND 99
GND 100
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7 AJ R-ADT4
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11 AJ R-ADT2
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13 AJ P-START4
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15 AJ P-START3
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17 AJ P-START2
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19 AJ P-ADT4
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21 AJ P-ADT3
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23 AJ P-ADT2
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43 QSDI CK13 IG)
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45 QSDI CK13 IX)
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51 VRCKCS4
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63 VRCKCS3
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71 DTSC36
72 DTSC37
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74 R-FRPSC2
75 VRCKCS2
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78 DTSC21
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83 DTSC26
84 DTSC27
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87 REG +3V
88 REG +3V
89 REG +5V
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92 REG +5V
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94 UNREG +6.8V
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96 UNREG +6.8V
97 GND
98 GND
99 GND
100 GND
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P-FLTT4 48
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D1 RD 83
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52 R-FLTT2
53 R-FLTT3
54 R-FLTT4
55 R-TRTK1
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61 D1 AD5
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68 SPARE DDE/SDI
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77 D1 A8
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VADVCS4 6
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DTCS43 9
DTCS42 10
DTCS45 11
DTCS44 12
DTCS47 13
DTCS46 14
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P-TRPSC3 16
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SYCS3 18
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VADVCS3 20
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P-TRPSC2 30
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3 SCDVCS4
4 SYCS4
5 VPCK4
6 VADVCS4
7 DTCS41
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16 P-TRPSC3
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19 VPCK3
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28 DTCS36
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31 SCDVCS2
32 SYCS2
33 VPCK2
34 VADVCS2
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54 SFDT9-P1
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56 SFDT11-P1
57 SFDT12-P1
58 SFDT13-P1
59 SFDT14-P1
60 SFDT15-P1
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63 GND
64 IENPA-P1
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QSDT11-R1 78
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QSDT14-R1 81
QSDT15-R1 82
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SFY-R2 MS CS 97
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SFY-R3 MS CS 99
SFY-R3 SP CS 100
SFY-R4 MS CS 101
SFY-R4 SP CS 102
SFY-R2 TBC EN 103
SFY-R2 BANK 104
SFY-R3 TBC EN 105
SFY-R3 BANK 106
SFY-R4 TBC EN 107
SFY-R4 BANK 108
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SPARE SDI/SY 110
SFY-P2 TBC EN 111
SFY-P2 BANK 112
SFY-P3 TBC EN 113
SFY-P3 BANK 114
SFY-P4 TBC EN 115
SFY-P4 BANK 116
SFY-P2 MS CS 117
SFY-P2 SP CS 118
SFY-P3 MS CS 119
SFY-P3 SP CS 120
SFY-P4 MS CS 121
SFY-P4 SP CS 122
SP SCK4 123
SP SCK5 124
SP SO4 125
SP SO5 126
SP SI4 127
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QSDA STP 135
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QSDA FP 137
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QSDI CK27 (G) 142
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QSDI OE 144
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76 QSDT9-R1
77 QSDT10-R1
78 QSDT11-R1
79 QSDT12-R1
80 QSDT13-R1
81 QSDT14-R1
82 QSDT15-R1
83 IOEC-R1
84 QSDI XEN
85 IENPA-R1
86 IENPV-R1
87 BUPOS
88 L:JC RESET
89 QSDI-R CS
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91 SP SCK1
92 SP SCK2
93 SP SI1
94 SP SI2
95 SP SO1
96 SP SO2
97 SFY-R2 MS CS
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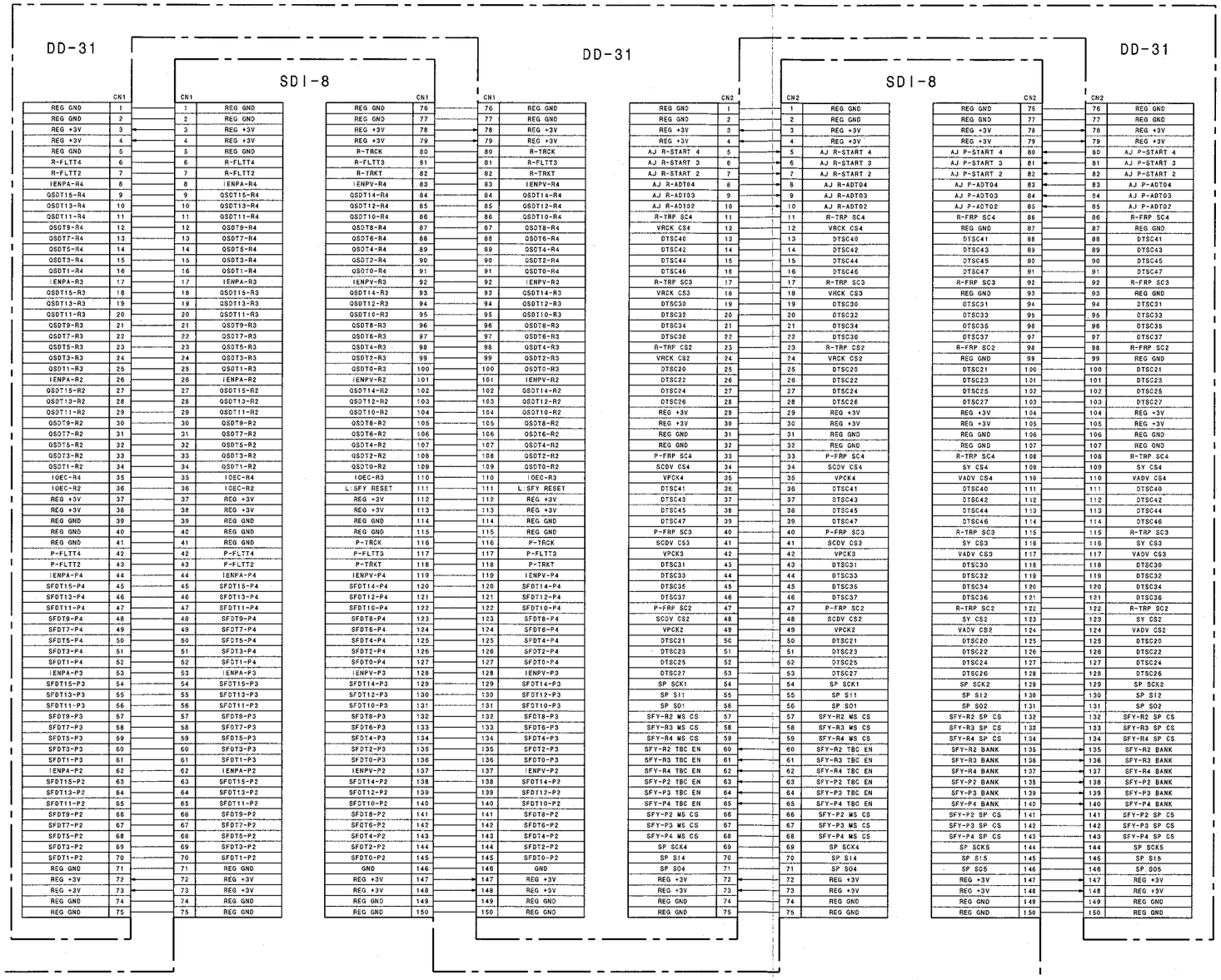
99 SFY-R3 MS CS
100 SFY-R3 SP CS
101 SFY-R4 MS CS
102 SFY-R4 SP CS
103 SFY-R2 TBC EN
104 SFY-R2 BANK
105 SFY-R3 TBC EN
106 SFY-R3 BANK
107 SFY-R4 TBC EN
108 SFY-R4 BANK
109
110 SPARE SDI/SY
111 SFY-P2 TBC EN
112 SFY-P2 BANK
113 SFY-P3 TBC EN
114 SFY-P3 BANK
115 SFY-P4 TBC EN
116 SFY-P4 BANK
117 SFY-P2 MS CS
118 SFY-P2 SP CS
119 SFY-P3 MS CS
120 SFY-P3 SP CS
121 SFY-P4 MS CS
122 SFY-P4 SP CS
123 SP SCK4
124 SP SCK5
125 SP SO4
126 SP SO5
127 SP SI4
128 SP SI5
129 QSDI-P CS
130 SDI-8 CS
131 L:CPU RESET
132 SY SCK1
133 QSDA DT
134 SY SI1
135 QSDA STP
136 SY SO1
137 QSDA FP
138 GND
139
140 QSDI CK27 (X)
141
142 QSDI CK27 (G)
143
144 QSDI OE
145
146 QSDI HD
147
148 RSG IST FLD



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REG GND	2	2	REG GND	REG GND	77	77	REG GND	REG GND	2	2	REG GND	REG GND	77
REG +3V	3	3	REG +3V	REG +3V	78	78	REG +3V	REG +3V	3	3	REG +3V	REG +3V	78
REG +3V	4	4	REG +3V	REG +3V	79	79	REG +3V	REG +3V	4	4	REG +3V	REG +3V	79
REG GND	5	5	REG GND	R-TRCK	80	80	R-TRCK	AJ R-START 4	5	5	AJ R-START 4	AJ P-START 4	80
R-FLTT4	6	6	R-FLTT4	R-FLTT3	81	81	R-FLTT3	AJ R-START 3	6	6	AJ R-START 3	AJ P-START 3	81
R-FLTT2	7	7	R-FLTT2	R-TRKT	82	82	R-TRKT	AJ R-START 2	7	7	AJ R-START 2	AJ P-START 2	82
IENPA-R4	8	8	IENPA-R4	IENPV-R4	83	83	IENPV-R4	AJ R-ADT04	8	8	AJ R-ADT04	AJ P-ADT04	83
QSDT15-R4	9	9	QSDT15-R4	QSDT14-R4	84	84	QSDT14-R4	AJ R-ADT03	9	9	AJ R-ADT03	AJ P-ADT03	84
QSDT13-R4	10	10	QSDT13-R4	QSDT12-R4	85	85	QSDT12-R4	AJ R-ADT02	10	10	AJ R-ADT02	AJ P-ADT02	85
QSDT11-R4	11	11	QSDT11-R4	QSDT10-R4	86	86	QSDT10-R4	R-TRP SC4	11	11	R-TRP SC4	R-FRP SC4	86
QSDT9-R4	12	12	QSDT9-R4	QSDT8-R4	87	87	QSDT8-R4	VRCK CS4	12	12	VRCK CS4	REG GND	87
QSDT7-R4	13	13	QSDT7-R4	QSDT6-R4	88	88	QSDT6-R4	DTSC40	13	13	DTSC40	DTSC41	88
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QSDT1-R4	16	16	QSDT1-R4	QSDT0-R4	91	91	QSDT0-R4	DTSC46	16	16	DTSC46	DTSC47	91
IENPA-R3	17	17	IENPA-R3	IENPV-R3	92	92	IENPV-R3	R-TRP SC3	17	17	R-TRP SC3	R-FRP SC3	92
QSDT15-R3	18	18	QSDT15-R3	QSDT14-R3	93	93	QSDT14-R3	VRCK CS3	18	18	VRCK CS3	REG GND	93
QSDT13-R3	19	19	QSDT13-R3	QSDT12-R3	94	94	QSDT12-R3	DTSC30	19	19	DTSC30	DTSC31	94
QSDT11-R3	20	20	QSDT11-R3	QSDT10-R3	95	95	QSDT10-R3	DTSC32	20	20	DTSC32	DTSC33	95
QSDT9-R3	21	21	QSDT9-R3	QSDT8-R3	96	96	QSDT8-R3	DTSC34	21	21	DTSC34	DTSC35	96
QSDT7-R3	22	22	QSDT7-R3	QSDT6-R3	97	97	QSDT6-R3	DTSC36	22	22	DTSC36	DTSC37	97
QSDT5-R3	23	23	QSDT5-R3	QSDT4-R3	98	98	QSDT4-R3	R-TRP CS2	23	23	R-TRP CS2	R-FRP SC2	98
QSDT3-R3	24	24	QSDT3-R3	QSDT2-R3	99	99	QSDT2-R3	VRCK CS2	24	24	VRCK CS2	REG GND	99
QSDT1-R3	25	25	QSDT1-R3	QSDT0-R3	100	100	QSDT0-R3	DTSC20	25	25	DTSC20	DTSC21	100
IENPA-R2	26	26	IENPA-R2	IENPV-R2	101	101	IENPV-R2	DTSC22	26	26	DTSC22	DTSC23	101
QSDT15-R2	27	27	QSDT15-R2	QSDT14-R2	102	102	QSDT14-R2	DTSC24	27	27	DTSC24	DTSC25	102
QSDT13-R2	28	28	QSDT13-R2	QSDT12-R2	103	103	QSDT12-R2	DTSC26	28	28	DTSC26	DTSC27	103
QSDT11-R2	29	29	QSDT11-R2	QSDT10-R2	104	104	QSDT10-R2	REG +3V	29	29	REG +3V	REG +3V	104
QSDT9-R2	30	30	QSDT9-R2	QSDT8-R2	105	105	QSDT8-R2	REG +3V	30	30	REG +3V	REG +3V	105
QSDT7-R2	31	31	QSDT7-R2	QSDT6-R2	106	106	QSDT6-R2	REG GND	31	31	REG GND	REG GND	106
QSDT5-R2	32	32	QSDT5-R2	QSDT4-R2	107	107	QSDT4-R2	REG GND	32	32	REG GND	REG GND	107
QSDT3-R2	33	33	QSDT3-R2	QSDT2-R2	108	108	QSDT2-R2	P-FRP SC4	33	33	P-FRP SC4	R-TRP SC4	108
QSDT1-R2	34	34	QSDT1-R2	QSDT0-R2	109	109	QSDT0-R2	SCDV CS4	34	34	SCDV CS4	SY CS4	109
IOEC-R4	35	35	IOEC-R4	IOEC-R3	110	110	IOEC-R3	VPCK4	35	35	VPCK4	VADV CS4	110
IOEC-R2	36	36	IOEC-R2	L:SFY RESET	111	111	L:SFY RESET	DTSC41	36	36	DTSC41	DTSC40	111
REG +3V	37	37	REG +3V	REG +3V	112	112	REG +3V	DTSC43	37	37	DTSC43	DTSC42	112
REG +3V	38	38	REG +3V	REG +3V	113	113	REG +3V	DTSC45	38	38	DTSC45	DTSC44	113
REG GND	39	39	REG GND	REG GND	114	114	REG GND	DTSC47	39	39	DTSC47	DTSC46	114
REG GND	40	40	REG GND	REG GND	115	115	REG GND	P-FRP SC3	40	40	P-FRP SC3	R-TRP SC3	115
REG GND	41	41	REG GND	P-TRCK	116	116	P-TRCK	SCDV CS3	41	41	SCDV CS3	SY CS3	116
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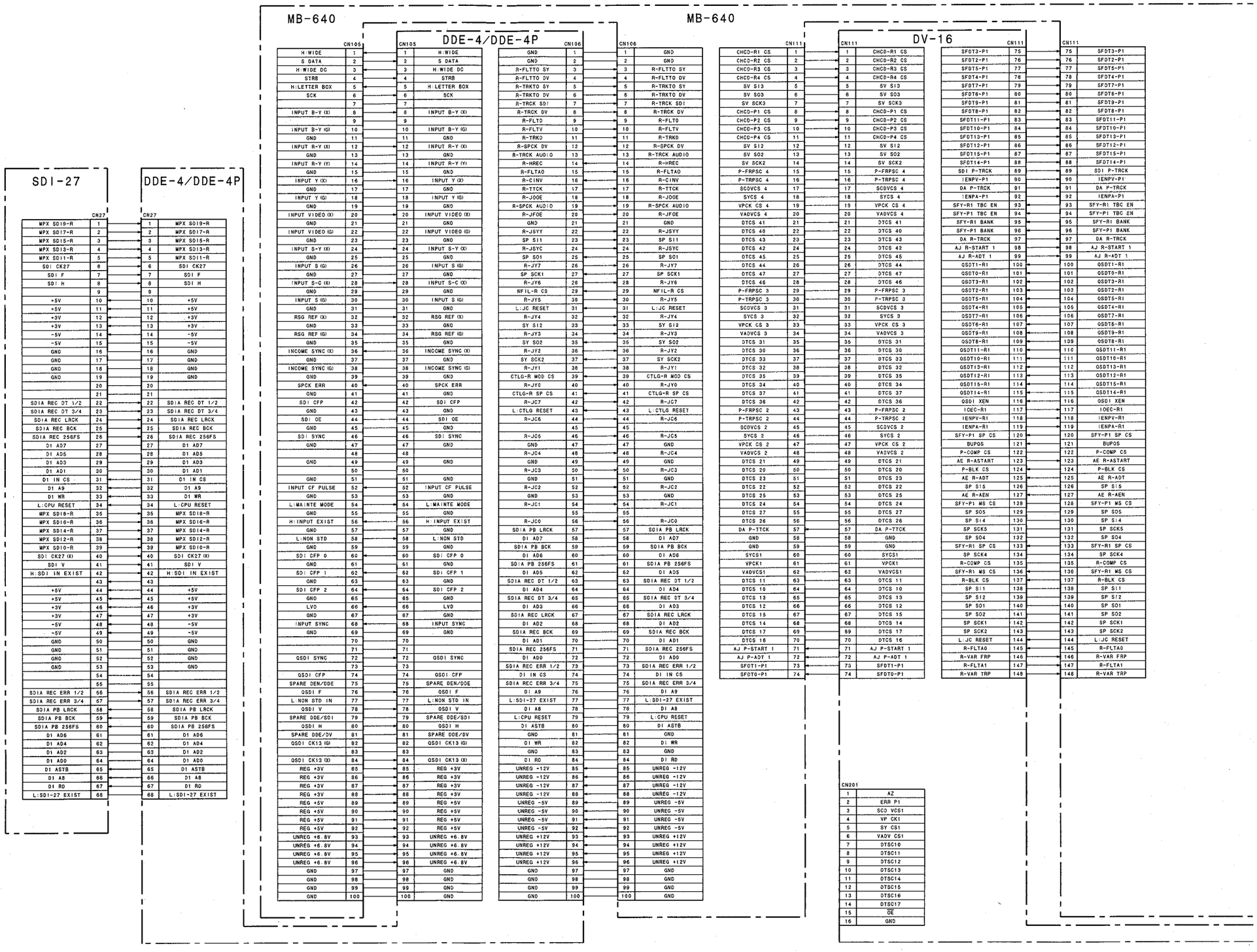
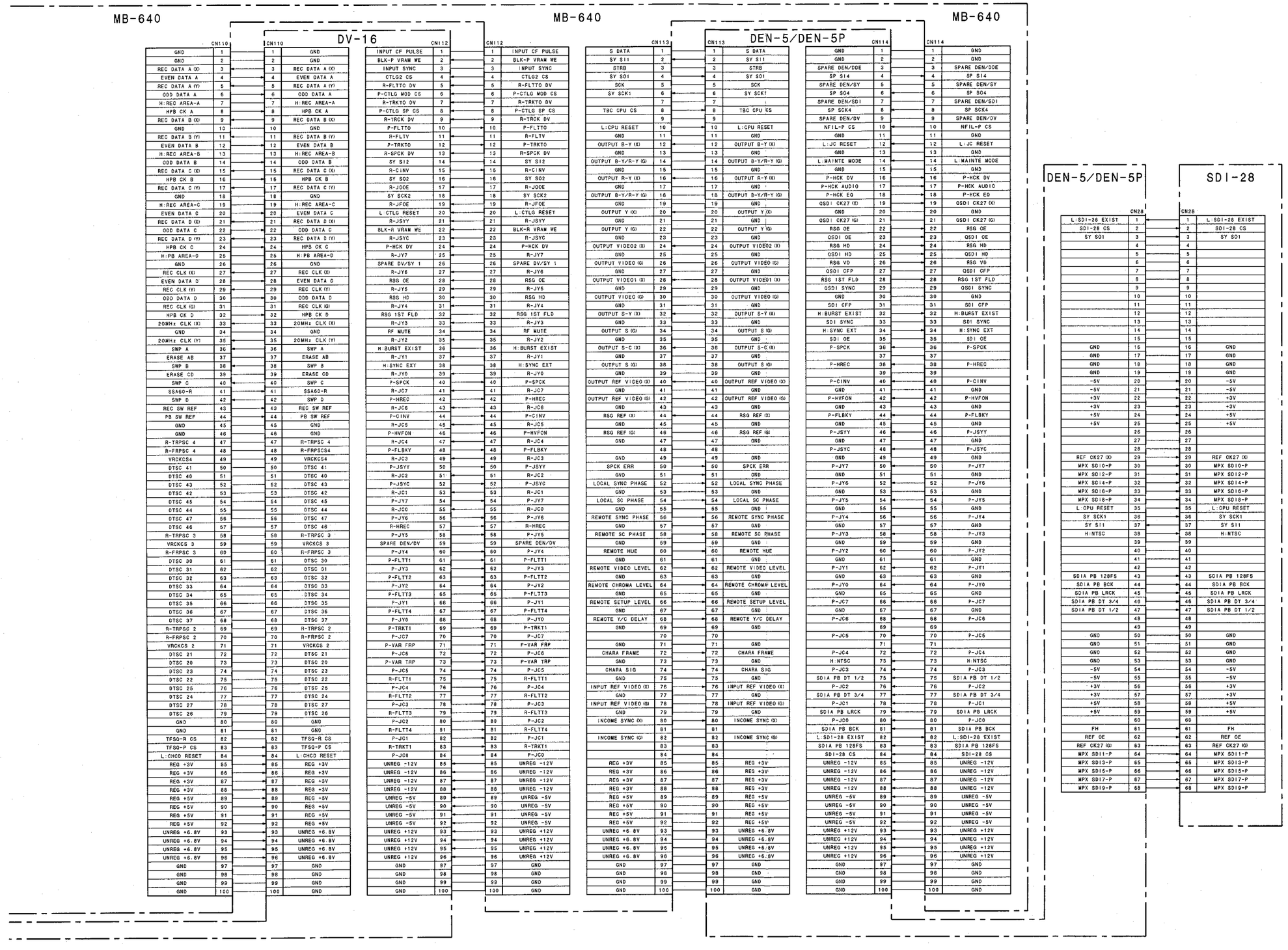
IENPA-P4	44	44	IENPA-P4	IENPV-P4	119	119	IENPV-P4	DTSC33	44	44	DTSC33	DTSC32	119
SFDT15-P4	45	45	SFDT15-P4	SFDT14-P4	120	120	SFDT14-P4	DTSC35	45	45	DTSC35	DTSC34	120
SFDT13-P4	46	46	SFDT13-P4	SFDT12-P4	121	121	SFDT12-P4	DTSC37	46	46	DTSC37	DTSC36	121
SFDT11-P4	47	47	SFDT11-P4	SFDT10-P4	122	122	SFDT10-P4	P-FRP SC2	47	47	P-FRP SC2	R-TRP SC2	122
SFDT9-P4	48	48	SFDT9-P4	SFDT8-P4	123	123	SFDT8-P4	SCDV CS2	48	48	SCDV CS2	SY CS2	123
SFDT7-P4	49	49	SFDT7-P4	SFDT6-P4	124	124	SFDT6-P4	VPCK2	49	49	VPCK2	VADV CS2	124
SFDT5-P4	50	50	SFDT5-P4	SFDT4-P4	125	125	SFDT4-P4	DTSC21	50	50	DTSC21	DTSC20	125
SFDT3-P4	51	51	SFDT3-P4	SFDT2-P4	126	126	SFDT2-P4	DTSC23	51	51	DTSC23	DTSC22	126
SFDT1-P4	52	52	SFDT1-P4	SFDT0-P4	127	127	SFDT0-P4	DTSC25	52	52	DTSC25	DTSC24	127
IENPA-P3	53	53	IENPA-P3	IENPV-P3	128	128	IENPV-P3	DTSC27	53	53	DTSC27	DTSC26	128
SFDT15-P3	54	54	SFDT15-P3	SFDT14-P3	129	129	SFDT14-P3	SP SCK1	54	54	SP SCK1	SP SCK2	129
SFDT13-P3	55	55	SFDT13-P3	SFDT12-P3	130	130	SFDT12-P3	SP SI1	55	55	SP SI1	SP SI2	130
SFDT11-P3	56	56	SFDT11-P3	SFDT10-P3	131	131	SFDT10-P3	SP SO1	56	56	SP SO1	SP SO2	131
SFDT9-P3	57	57	SFDT9-P3	SFDT8-P3	132	132	SFDT8-P3	SFY-R2 MS CS	57	57	SFY-R2 MS CS	SFY-R2 SP CS	132
SFDT7-P3	58	58	SFDT7-P3	SFDT6-P3	133	133	SFDT6-P3	SFY-R3 MS CS	58	58	SFY-R3 MS CS	SFY-R3 SP CS	133
SFDT5-P3	59	59	SFDT5-P3	SFDT4-P3	134	134	SFDT4-P3	SFY-R4 MS CS	59	59	SFY-R4 MS CS	SFY-R4 SP CS	134
SFDT3-P3	60	60	SFDT3-P3	SFDT2-P3	135	135	SFDT2-P3	SFY-R2 TBC EN	60	60	SFY-R2 TBC EN	SFY-R2 BANK	135
SFDT1-P3	61	61	SFDT1-P3	SFDT0-P3	136	136	SFDT0-P3	SFY-R3 TBC EN	61	61	SFY-R3 TBC EN	SFY-R3 BANK	136
IENPA-P2	62	62	IENPA-P2	IENPV-P2	137	137	IENPV-P2	SFY-R4 TBC EN	62	62	SFY-R4 TBC EN	SFY-R4 BANK	137
SFDT15-P2	63	63	SFDT15-P2	SFDT14-P2	138	138	SFDT14-P2	SFY-P2 TBC EN	63	63	SFY-P2 TBC EN	SFY-P2 BANK	138
SFDT13-P2	64	64	SFDT13-P2	SFDT12-P2	139	139	SFDT12-P2	SFY-P3 TBC EN	64	64	SFY-P3 TBC EN	SFY-P3 BANK	139
SFDT11-P2	65	65	SFDT11-P2	SFDT10-P2	140	140	SFDT10-P2	SFY-P4 TBC EN	65	65	SFY-P4 TBC EN	SFY-P4 BANK	140
SFDT9-P2	66	66	SFDT9-P2	SFDT8-P2	141	141	SFDT8-P2	SFY-P2 MS CS	66	66	SFY-P2 MS CS	SFY-P2 SP CS	141
SFDT7-P2	67	67	SFDT7-P2	SFDT6-P2	142	142	SFDT6-P2	SFY-P3 MS CS	67	67	SFY-P3 MS CS	SFY-P3 SP CS	142
SFDT5-P2	68	68	SFDT5-P2	SFDT4-P2	143	143	SFDT4-P2	SFY-P4 MS CS	68	68	SFY-P4 MS CS	SFY-P4 SP CS	143
SFDT3-P2	69	69	SFDT3-P2	SFDT2-P2	144	144	SFDT2-P2	SP SCK4	69	69	SP SCK4	SP SCK5	144
SFDT1-P2	70	70	SFDT1-P2	SFDT0-P2	145	145	SFDT0-P2	SP SI4	70	70	SP SI4	SP SI5	145
REG GND	71	71	REG GND	GND	146	146	GND	SP SO4	71	71	SP SO4	SP SO5	146
REG +3V	72	72	REG +3V	REG +3V	147	147	REG +3V	REG +3V	72	72	REG +3V	REG +3V	147
REG +3V	73	73	REG +3V	REG +3V	148	148	REG +3V	REG +3V	73	73	REG +3V	REG +3V	148
REG GND	74	74	REG GND	REG GND	149	149	REG GND	REG GND	74	74	REG GND	REG GND	149
REG GND	75	75	REG GND	REG GND	150	150	REG GND	REG GND	75	75	REG GND	REG GND	150

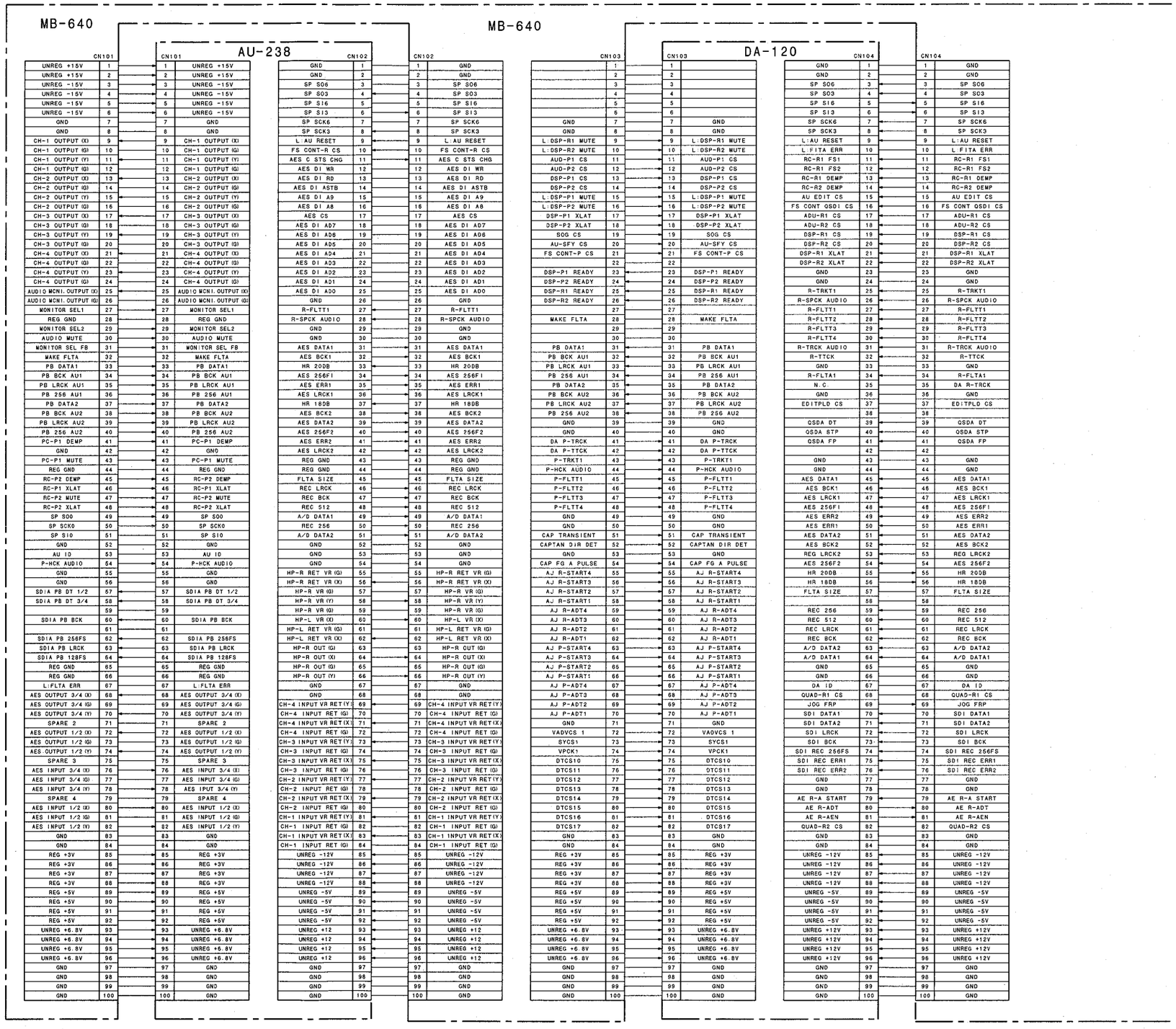
FRAME (3/5)
MODEL DSR-85/85P

FRAME (4/5)


SDI-27
DDE-4/DDE-4P
MB-640
DDE-4/DDE-4P
MB-640
DV-16
CN27
CN105
CN106
CN111
CN201
MPX SDI9-R
MPX SDI7-R
MPX SDI5-R
MPX SDI3-R
MPX SDI1-R
SDI CK27
SDI F
SDI H
+5V
+3V
-5V
GND
SDIA REC DT 1/2
SDIA REC DT 3/4
SDIA REC LRCK
SDIA REC BCK
SDIA REC 256FS
D1 AD7
D1 AD5
D1 AD3
D1 AD1
D1 IN CS
D1 A9
D1 WR
L:CPU RESET
MPX SDI8-R
MPX SDI6-R
MPX SDI4-R
MPX SDI2-R
MPX SDI0-R
SDI CK27 (X)
SDI V
H:SDI IN EXIST
SDI CFP 2
LVD
INPUT SYNC
QSDI SYNC
QSDI CFP
SPARE DEN/DDE
QSDI F
L:NON STD IN
QSDI V
SPARE DDE/SDI
QSDI H
SPARE DDE/DV
QSDI CK13 (G)
QSDI CK13 (X)
REG +3V
REG +5V
UNREG +6.8V
SDIA REC ERR 1/2
SDIA REC ERR 3/4
SDIA PB LRCK
SDIA PB BCK
SDIA PB 256FS
D1 AD6
D1 AD4
D1 AD2
D1 AD0
D1 ASTB
D1 A8
D1 RD
L:SDI-27 EXIST
H:WIDE
S DATA
H:WIDE DC
STRB
H:LETTER BOX
SCK
INPUT B-Y (X)
INPUT B-Y (G)
INPUT R-Y (X)
INPUT R-Y (Y)
INPUT Y (X)
INPUT Y (G)
INPUT VIDEO (X)
INPUT VIDEO (G)
INPUT S-Y (X)
INPUT S (G)
INPUT S-C (X)
INPUT S (G)
RSG REF (X)
RSG REF (G)
INCOME SYNC (X)
INCOME SYNC (G)
SPCK ERR
SDI CFP
SDI OE
SDI SYNC
INPUT CF PULSE
L:MAINTE MODE
H:INPUT EXIST
L:NON STD
SDI CFP 0
SDI CFP 1
GND
R-FLTTO SY
R-FLTTO DV
R-TRKTO SY
R-TRKTO DV
R-TRCK SDI
R-TRCK DV
R-FLTO
R-FLTV
R-TRKO
R-SPCK DV
R-TRCK AUDIO
R-HREC
R-FLTAO
R-CINV
R-TTCK
R-JOOE
R-SPCK AUDIO
R-JFOE
R-JSYY
SP SI1
R-JSYC
SP SO1
R-JY7
SP SCK1
R-JY6
NFIL-R CS
R-JY5
L:JC RESET
R-JY4
SY SI2
R-JY3
SY SO2
R-JY2
SY SCK2
R-JY1
CTLG-R MOD CS
R-JY0
CTLG-R SP CS
R-JC7
L:CTLG RESET
R-JC6
R-JC5
R-JC4
R-JC3
R-JC2
R-JC1
R-JC0
SDIA PB LRCK
D1 AD7
SDIA PB BCK
D1 AD6
SDIA PB 256FS
D1 AD5
SDIA REC DT 1/2
D1 AD4
SDIA REC DT 3/4
D1 AD3
SDIA REC LRCK
D1 AD2
SDIA REC BCK
D1 AD1
SDIA REC 256FS
D1 AD0
SDIA REC ERR 1/2
D1 IN CS
SDIA REC ERR 3/4
D1 A9
L:SDI-27 EXIST
D1 A8
L:CPU RESET
D1 ASTB
GND
D1 WR
D1 RD
UNREG -12V
UNREG -5V
UNREG +12V
CHCD-R1 CS
CHCD-R2 CS
CHCD-R3 CS
CHCD-R4 CS
SV SI3
SV SO3
SV SCK3
CHCD-P1 CS
CHCD-P2 CS
CHCD-P3 CS
CHCD-P4 CS
SV SI2
SV SO2
SV SCK2
P-FRPSC 4
P-TRPSC 4
SCDVCS 4
SYCS 4
VPCK CS 4
VADVCS 4
DTCS 41
DTCS 40
DTCS 43
DTCS 42
DTCS 45
DTCS 44
DTCS 47
DTCS 46
P-FRPSC 3
P-TRPSC 3
SCDVCS 3
SYCS 3
VPCK CS 3
VADVCS 3
DTCS 31
DTCS 30
DTCS 33
DTCS 32
DTCS 35
DTCS 34
DTCS 37
DTCS 36
P-FRPSC 2
P-TRPSC 2
SCDVCS 2
SYCS 2
VPCK CS 2
VADVCS 2
DTCS 21
DTCS 20
DTCS 23
DTCS 22
DTCS 25
DTCS 24
DTCS 27
DTCS 26
DA P-TTCK
SFDT3-P1
SFDT2-P1
SFDT5-P1
SFDT4-P1
SFDT7-P1
SFDT6-P1
SFDT9-P1
SFDT8-P1
SFDT11-P1
SFDT10-P1
SFDT13-P1
SFDT12-P1
SFDT15-P1
SFDT14-P1
SDI P-TRCK
!ENPV-P1
DA P-TRCK
!ENPA-P1
SFY-R1 TBC EN
SFY-P1 TBC EN
SFY-R1 BANK
SFY-P1 BANK
DA R-TRCK
AJ R-START 1
AJ R-ADT 1
QSDT1-R1
QSDT0-R1
QSDT3-R1
QSDT2-R1
QSDT5-R1
QSDT4-R1
QSDT7-R1
QSDT6-R1
QSDT9-R1
QSDT8-R1
QSDT11-R1
QSDT10-R1
QSDT13-R1
QSDT12-R1
QSDT15-R1
QSDT14-R1
QSDI XEN
!OEC-R1
!ENPV-R1
!ENPA-R1
SFY-P1 SP CS
BUPOS
P-COMP CS
AE R-ASTART
P-BLK CS
AE R-ADT
SP SI5
AE R-AEN
SFY-P1 MS CS
SP SO5
SP SI4
SP SCK5
SP SO4
SFY-R1 SP CS
SP SCK4
R-COMP CS
SFY-R1 MS CS
R-BLK CS
SP SI1
SP SI2
SP SO1
SP SO2
SP SCK1
SP SCK2
L:JC RESET
R-FLTAO
R-VAR FRP
R-FLTA1
R-VAR TRP
AZ
ERR P1
SCD VCS1
VP CK1
SY CS1
VADV CS1
DTSC10
DTSC11
DTSC12
DTSC13
DTSC14
DTSC15
DTSC16
DTSC17
OE
GND


MB-640
DV-16
MB-640
DEN-5/DEN-5P
MB-640
DEN-5/DEN-5P
SDI-28

FRAME (5/5)


MB-640
AU-238
MB-640
DA-120
CN101
CN102
CN103
CN104
UNREG +15V
GND
SP SO6
SP SO3
SP SI6
SP SI3
SP SCK6
SP SCK3
L:AU RESET
FS CONT-R CS
AES C STS CHG
AES DI WR
AES DI RD
AES DI ASTB
AES DI A9
AES DI A8
AES CS
AES DI AD7
AES DI AD6
AES DI AD5
AES DI AD4
AES DI AD3
AES DI AD2
AES DI AD1
AES DI AD0
R-FLTT1
R-SPCK AUDIO
AES DATA1
AES BCK1
HR 200B
AES 256F1
AES ERR1
AES LRCK1
HR 180B
AES BCK2
AES DATA2
AES 256F2
AES ERR2
AES LRCK2
REG GND
FLTA SIZE
REC LRCK
REC BCK
REC 512
A/D DATA1
REC 256
A/D DATA2
HP-R RET VR (G)
HP-R RET VR (X)
HP-R VR (G)
HP-R VR (Y)
HP-R VR (G)
HP-L VR (X)
HP-L RET VR (G)
HP-L RET VR (X)
HP-R OUT (G)
HP-R OUT (X)
HP-R OUT (G)
HP-R OUT (Y)
CH-4 INPUT VR RET(Y)
CH-4 INPUT RET (G)
CH-4 INPUT VR RET(X)
CH-4 INPUT RET (G)
CH-3 INPUT VR RET(Y)
CH-3 INPUT RET (G)
CH-3 INPUT VR RET(X)
CH-3 INPUT RET (G)
CH-2 INPUT VR RET(Y)
CH-2 INPUT RET (G)
CH-2 INPUT VR RET(X)
CH-2 INPUT RET (G)
CH-1 INPUT VR RET(Y)
CH-1 INPUT RET (G)
CH-1 INPUT VR RET(X)
CH-1 INPUT RET (G)
UNREG -12V
UNREG -5V
UNREG +12
GND
UNREG +15V
UNREG -15V
GND
CH-1 OUTPUT (X)
CH-1 OUTPUT (G)
CH-1 OUTPUT (Y)
CH-1 OUTPUT (G)
CH-2 OUTPUT (X)
CH-2 OUTPUT (G)
CH-2 OUTPUT (Y)
CH-2 OUTPUT (G)
CH-3 OUTPUT (X)
CH-3 OUTPUT (G)
CH-3 OUTPUT (Y)
CH-3 OUTPUT (G)
CH-4 OUTPUT (X)
CH-4 OUTPUT (G)
CH-4 OUTPUT (Y)
CH-4 OUTPUT (G)
AUDIO MCN1. OUTPUT (X)
AUDIO MCN1. OUTPUT (G)
MONITOR SEL1
MONITOR SEL2
REG GND
AUDIO MUTE
MONITOR SEL FB
MAKE FLTA
PB DATA1
PB BCK AU1
PB LRCK AU1
PB 256 AU1
PB DATA2
PB BCK AU2
PB LRCK AU2
PB 256 AU2
PC-P1 DEMP
GND
PC-P1 MUTE
REG GND
RC-P2 DEMP
RC-P1 XLAT
RC-P2 MUTE
RC-P2 XLAT
SP S00
SP SCK0
SP SI0
GND
AU ID
P-HCK AUDIO
GND
GND
SDIA PB DT 1/2
SDIA PB DT 3/4
SDIA PB BCK
SDIA PB 256FS
SDIA PB LRCK
SDIA PB 128FS
REG GND
REG GND
L:FLTA ERR
AES OUTPUT 3/4 (X)
AES OUTPUT 3/4 (G)
AES OUTPUT 3/4 (Y)
SPARE 2
AES OUTPUT 1/2 (X)
AES OUTPUT 1/2 (G)
AES OUTPUT 1/2 (Y)
SPARE 3
AES INPUT 3/4 (X)
AES INPUT 3/4 (G)
AES IPUT 3/4 (Y)
SPARE 4
AES INPUT 1/2 (X)
AES INPUT 1/2 (G)
AES INPUT 1/2 (Y)
GND
GND
REG +3V
REG +3V
REG +3V
REG +3V
REG +5V
REG +5V
REG +5V
REG +5V
UNREG +6.8V
UNREG +6.8V
UNREG +6.8V
UNREG +6.8V
GND
GND
GND

MB-640

MB-640

CP-276

CN601		CN601		
INPUT REF VIDEO (X)	1	1	INPUT REF VIDEO (X)	
INPUT REF VIDEO (G)	2	2	INPUT REF VIDEO (G)	
OUTPUT REF VIDEO (X)	3	3	OUTPUT REF VIDEO (X)	
OUTPUT REF VIDEO (G)	4	4	OUTPUT REF VIDEO (G)	
REG +5V	5	5	REG +5V	
UNREG -5V	6	6	UNREG -5V	
GND	7	7	GND	
EXT TC IN	8	8	EXT TC IN	
EXT TC	9	9	EXT TC	
EXT TC OUT	10	10	EXT TC OUT	
INPUT VIDEO (X)	11	11	INPUT VIDEO (X)	
INOUT VIDEO (G)	12	12	INOUT VIDEO (G)	

CN602		CN602	
N.C.	1	1	N.C.
INPUT Y (X)	2	2	INPUT Y (X)
INPUT Y (G)	3	3	INPUT Y (G)
INPUT R-Y (X)	4	4	INPUT R-Y (X)
INPUT R-Y (G)	5	5	INPUT R-Y (G)
INPUT B-Y (X)	6	6	INPUT B-Y (X)
INPUT B-Y (G)	7	7	INPUT B-Y (G)
AUDIO MONI. OUTPUT (X)	8	8	AUDIO MONI. OUTPUT (X)
AUDIO MONI. OUTPUT (G)	9	9	AUDIO MONI. OUTPUT (G)
INPUT S-Y (X)	10	10	INPUT S-Y (X)
INPUT S (G)	11	11	INPUT S (G)
INPUT S-C (X)	12	12	INPUT S-C (X)

CN603		CN603	
N.C.	1	1	N.C.
OUTPUT S-Y (X)	2	2	OUTPUT S-Y (X)
OUTPUT S (G)	3	3	OUTPUT S (G)
OUTPUT S-C (X)	4	4	OUTPUT S-C (X)
OUTPUT B-Y/R-Y (G)	5	5	OUTPUT B-Y/R-Y (G)
OUTPUT B-Y (X)	6	6	OUTPUT B-Y (X)
OUTPUT R-Y (X)	7	7	OUTPUT R-Y (X)
OUTPUT Y (G)	8	8	OUTPUT Y (G)
OUTPUT Y (X)	9	9	OUTPUT Y (X)
OUTPUT VIDEO (G)	10	10	OUTPUT VIDEO (G)
OUTPUT VIDEO 2 (X)	11	11	OUTPUT VIDEO 2 (X)
OUTPUT VIDEO 1 (X)	12	12	OUTPUT VIDEO 1 (X)

CN1: REF.VIDEO IN, REF.VIDEO THROUGH OUT, REF.OUT, TIME CODE IN, TIME CODE OUT

CN5: S-VIDEO IN, S-VIDEO OUT

CN2: VIDEO IN, VIDEO THROUGH OUT, COMPONENT Y IN, COMPONENT R-Y IN, COMPONENT B-Y OUT

CN3: VIDEO OUT1, VIDEO OUT2, COMPONENT Y OUT, COMPONENT R-Y OUT, COMPONENT B-Y OUT

CN4: MONITOR OUT

CP-281/CP-281 (J)

CN604		CN604	
AES INPUT CH1/2 OUT (X)	1	1	AES INPUT CH1/2 OUT (X)
AES INPUT CH1/2 OUT (Y)	2	2	AES INPUT CH1/2 OUT (Y)
AES INPUT CH1/2 OUT (G)	3	3	AES INPUT CH1/2 OUT (G)
AES INPUT CH3/4 OUT (X)	4	4	AES INPUT CH3/4 OUT (X)
AES INPUT CH3/4 OUT (Y)	5	5	AES INPUT CH3/4 OUT (Y)
AES INPUT CH3/4 OUT (G)	6	6	AES INPUT CH3/4 OUT (G)
AES OUTPUT 1/2 (X)	7	7	AES OUTPUT 1/2 (X)
AES OUTPUT 1/2 (Y)	8	8	AES OUTPUT 1/2 (Y)
AES OUTPUT 1/2 (G)	9	9	AES OUTPUT 1/2 (G)
AES OUTPUT 3/4 (X)	10	10	AES OUTPUT 3/4 (X)
AES OUTPUT 3/4 (Y)	11	11	AES OUTPUT 3/4 (Y)
AES OUTPUT 3/4 (G)	12	12	AES OUTPUT 3/4 (G)

CN21: AES 1/2 IN — CN22: AES 1/2 OUT

AES 3/4 IN — AES 3/4 OUT

CN605		CN605	
AUDIO CH-1 VR (X)	1	1	AUDIO CH-1 VR (X)
AUDIO CH-1 VR (G)	2	2	AUDIO CH-1 VR (G)
AUDIO CH-2 VR (X)	3	3	AUDIO CH-2 VR (X)
AUDIO CH-2 VR (G)	4	4	AUDIO CH-2 VR (G)
AUDIO CH-3 VR (X)	5	5	AUDIO CH-3 VR (X)
AUDIO CH-3 VR (G)	6	6	AUDIO CH-3 VR (G)
AUDIO CH-4 VR (X)	7	7	AUDIO CH-4 VR (X)
AUDIO CH-4 VR (G)	8	8	AUDIO CH-4 VR (G)
UNREG +12V	9	9	UNREG +12V
GND	10	10	GND
UNREG -12V	11	11	UNREG -12V
N.C	12	12	N.C

CN23: AUDIO CH-1 IN — CN25: AUDIO CH-1 OUT

AUDIO CH-2 IN — AUDIO CH-2 OUT

CN24: AUDIO CH-3 IN — CN26: AUDIO CH-3 OUT

AUDIO CH-4 IN — AUDIO CH-4 OUT

(For UC/CE)

CN606		CN606	
AUDIO CH-1 OUTPUT (G)	1	1	AUDIO CH-1 OUTPUT (G)
AUDIO CH-1 OUTPUT (Y)	2	2	AUDIO CH-1 OUTPUT (Y)
AUDIO CH-1 OUTPUT (X)	3	3	AUDIO CH-1 OUTPUT (X)
AUDIO CH-2 OUTPUT (G)	4	4	AUDIO CH-2 OUTPUT (G)
AUDIO CH-2 OUTPUT (Y)	5	5	AUDIO CH-2 OUTPUT (Y)
AUDIO CH-2 OUTPUT (X)	6	6	AUDIO CH-2 OUTPUT (X)
AUDIO CH-3 OUTPUT (G)	7	7	AUDIO CH-3 OUTPUT (G)
AUDIO CH-3 OUTPUT (Y)	8	8	AUDIO CH-3 OUTPUT (Y)
AUDIO CH-3 OUTPUT (X)	9	9	AUDIO CH-3 OUTPUT (X)
AUDIO CH-4 OUTPUT (G)	10	10	AUDIO CH-4 OUTPUT (G)
AUDIO CH-4 OUTPUT (Y)	11	11	AUDIO CH-4 OUTPUT (Y)
AUDIO CH-4 OUTPUT (X)	12	12	AUDIO CH-4 OUTPUT (X)

CN23: AUDIO CH-1 IN — CN25: AUDIO CH-1 OUT

AUDIO CH-2 IN — AUDIO CH-2 OUT

CN24: AUDIO CH-3 IN — CN26: AUDIO CH-3 OUT

AUDIO CH-4 IN — AUDIO CH-4 OUT

(For J)

CN609	
UNREG +12V	3
H.FUN MOTOR STOP	2
GND	1

FAN MOTER

KY-336

CN712	
N.C.	36
CH-1 VR (G)	35
CH-1 VRET (X)	34
CH-1 VRET (Y)	33
CH-1 VR (X)	32
CH-2 VR (G)	31
CH-2 VRET (X)	30
CH-2 VRET (Y)	29
CH-2 VR (X)	28
CH-3 VR (G)	27
CH-3 VRET (X)	26
CH-3 VRET (Y)	25
CH-3 VR (X)	24
CH-4 VR (G)	23
CH-4 VRET (X)	22
CH-4 VRET (Y)	21
CH-4 VR (X)	20
L.CPU RESET	19
L.KY CS	18
SY SO1	17
SY SI1	16
SY SCK1	15
KY SPARE	14
MIC GND	13
MIC SCK	12
MIC SDA	11
MIC VCC	10
LOCAL SYNC PHASE	9
LOCAL SC PHASE	8
REG +5V	7
REG +5V	6
UNREG +12V	5
UNREG +12V	4
GND	3
GND	2
UNREG -12V(N.C.)	1

CN702	
1	N.C.
2	CH-1 VR (G)
3	CH-1 VRET (X)
4	CH-1 VRET (Y)
5	CH-1 VR (X)
6	CH-2 VR (G)
7	CH-2 VRET (X)
8	CH-2 VRET (Y)
9	CH-2 VR (X)
10	CH-3 VR (G)
11	CH-3 VRET (X)
12	CH-3 VRET (Y)
13	CH-3 VR (X)
14	CH-4 VR (G)
15	CH-4 VRET (X)
16	CH-4 VRET (Y)
17	CH-4 VR (X)
18	L.CPU RESET
19	L.KY CS
20	SY SO1
21	SY SI1
22	SY SCK1
23	KY SPARE
24	MIC GND
25	MIC SCK
26	MIC SDA
27	MIC VCC
28	LOCAL SYNC PHASE
29	LOCAL SC PHASE
30	REG +5V
31	REG +5V
32	UNREG +12V
33	UNREG +12V
34	GND
35	GND
36	UNREG -12V

HP-73

J2 HEADPHONE OUT

HEADPHONE VR.

CN731		CN701
HP-L OUT (X)	1	1 HP-L OUT (X)
HP-L OUT (G)	2	2 HP-L OUT (G)
HP-R OUT (X)	3	3 HP-R OUT (X)
HP-R OUT (G)	4	4 HP-R OUT (G)
HP-L RET VR (X)	5	5 HP-L RET VR (X)
HP-L RET VR (G)	6	6 HP-L RET VR (G)
HP-L VR (X)	7	7 HP-L VR (X)
HP-L VR (G)	8	8 HP-L VR (G)
HP-R VR (X)	9	9 HP-R VR (X)
HP-R VR (G)	10	10 HP-R VR (G)
HP-R RET VR (X)	11	11 HP-R RET VR (X)
HP-R RET VR (G)	12	12 HP-R RET VR (G)

CN713		CN733
SIRCS VCC	1	1 SIRCS VCC
SIRCS DATA	2	2 SIRCS DATA
SIRCS GND	3	3 SIRCS GND

J1 CONTROL S

FP-75

CN714		CN724	
SW 3 IN	1	11	SW 3 OUT
SW 2 IN	2	10	SW 2 OUT
SW 1 IN	3	9	SW 1 OUT
SW 0 IN	4	8	SW 0 OUT
SW SCAN 4 OUT	5	7	SW SCAN 4 IN
SW SCAN 5 OUT	6	6	SW SCAN 5 IN
SW SCAN6 OUT	7	5	SW SCAN6 IN
LOCAL SC PHASE	8	4	LOCAL SC PHASE
LOCAL SYNC PHASE	9	3	LOCAL SYNC PHASE
FP GND	10	2	FP GND
+5V (2)	11	1	+5V (2) IN

CN607	
REMOTE SYNC PHASE	1
REMOTE HUE	2
REMOTE SC PHASE	3
REMOTE VIDEO LEVEL	4
REMOTE SETUP LEVEL	5
REMOTE CHROMA LEVEL	6
REMOTE REG -9V	7
GND	8
GND	9
	10
	11
	12
REMOTE Y/C DELAY	13
	14
REMOTE REG +9V	15

CN607 TBC REMOTE

CN608	
GND	1
RM TX (-)	2
RM RX (+)	3
GND	4
	5
GND	6
RM TX (+)	7
RM RX (-)	8
GND	9

CN608 REMOTE 1 (9P)

SW.REG ⚠

CN903		CN4	
REG +5V	1	1	REG +5V
REG +5V	2	2	REG +5V
REG +3V	3	3	REG +3V
REG +3V	4	4	REG +3V
UNREG -5V	5	5	UNREG -5V
GND	6	6	GND
GND	7	7	GND
GND	8	8	GND

CN904		CN5	
UNREG +12V	1	1	UNREG +12V
UNREG -12V	2	2	UNREG -12V
UNREG +6.8V	3	3	UNREG +6.8V
GND	4	4	GND
UNREG +15V	5	5	UNREG +15V
UNREG -15V	6	6	UNREG -15V

CN3		
AC (N) IN	7	⚠ S1001 (POWER SW)
N.C	6	
AC (L) OUT	5	
N.C	4	
AC (N) OUT	3	
N.C	2	
AC (L) IN	1	

⚠ (AC INLET)

FRAME (5/5)
MODEL DSR-85/85P

DSR-85/85P

11-191 11-191

I J K L M N O P

1 2 3 4 5

SECTION 12
SEMICONDUCTOR PIN ASSIGNMENTS

ここに記載されている半導体は，それぞれの機能を等価的に表したものです。 なお，互換性のない型名を併記していることがありますので，部品を交換するときは，Spare Partsの章を参照してください。
等価回路はＩＣメーカーのデータブックに従いました。

Semiconductors of which functions are equivalent are described here. For parts replacement, refer to the section of Spare Parts in this manual. The circuit diagram of each IC is obtained from the IC data book published by the manufacturer.

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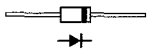
DIODE, TRANSISTOR

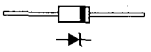
DIODE



10E-2
11E2-TB2
1SS83
1SS83TD

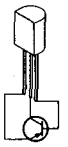
-TOP VIEW-

1T363
1T363A-M20-T8A



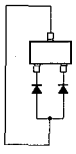
RD2.0F-T7B1
RD2.0FB1 (NEC)
RD7.5ES-T1B1
RD7.5ESB1 (NEC)

TRANSISTOR



2SA1020-Y
2SA1020-Y-TPE6

-TOP VIEW-



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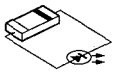
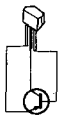
DAP202U
DAP202UT106



CL-150PG-CD ;GREEN
CL-150PG-CD-T
CL-150R-CD RED
CL-150R-CD-T

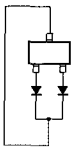
-TOP VIEW-

RD2.2M-T1B (ROHM)
RD6.2M-B1 (ROHM)
UDZ-TE-17-2.2B
UDZ-TE-17-6.2B



2SA1150
2SB810TP-E

-TOP VIEW-

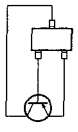


1S2837-T1
1SS184
1SS301-TE85L
DAN202U
DAN202UT106
HSM88WK-TL
MA141WK

-TOP VIEW-

DTZ5.1B (ROHM)
RD16SB2 (NEC)
RD16SB2-T1
UDZ-TE-17-2.0B (ROHM)
UDZ-TE-17-5.1B

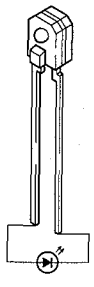
-TOP VIEW-



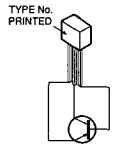
2SA1162G
2SA1162G-TE85L
2SA1163-G (TOSHIBA)
2SA1163G-TE85L
2SA1226-E4
2SA1226-T1E3E4
2SA1610-T1Y34
2SA1610-Y33
2SA1611-M5M6
2SA1611T1-M5M6

-TOP VIEW-

1SS193
1SS193-TE85L
SB007-03CP
SB007-03CP-TB
SB01-05CP
SB01-05CP-TB



GL480 ;INFRARED

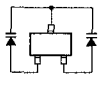


2SA1175-HFE
2SA1175TP-HFE

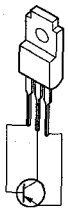
-TOP VIEW-

1SS187-TE85L
1SS223

-TOP VIEW-

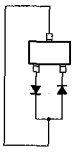


KV1470
KV1470TL00

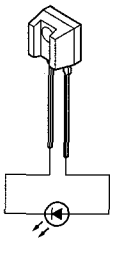


2SA1441-L (NEC)

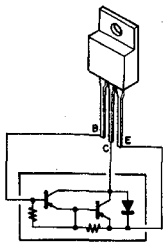
-TOP VIEW-



1SS123-T1
1SS226
1SS302
1SS302-TE85L
DA204U
DA204UT106

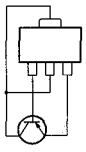


TLN115A INFRARED(TOSHIBA)

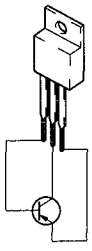


2SB1094-L
2SB1094-LK (NEC)

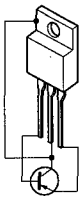
-TOP VIEW-



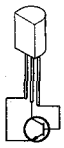
2SB1120-FG-TD
2SB1120-G (SANYO)
2SB1440S-TX



2SB1315

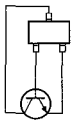


2SB941-P

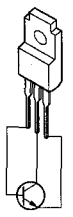


2SC2655-Y (TOSHIBA)
2SC2655-Y(TPE6)

-TOP VIEW-

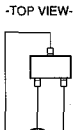


2SC1623
2SC1623-T1-L5L6
2SC2223-F13
2SC2223-T1F13
2SC2712G-TE85L (TOSHIBA)
2SC3326N-A (TOSHIBA)
2SC3326N-TE85L-AB
2SC3356-K
2SC3356-T1K
2SC3392-6-TB (SANYO)
2SC3545-T1T43T44
2SC3545-T43
2SC3735-L-B35
2SC3735-T1B-B34
2SC4176-B35
2SC4176-T1B35
2SC4177-L6
2SC4177-T1L5L6
2SC4178-F13



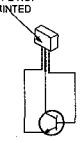
2SC3692 (NEC)

-TOP VIEW-



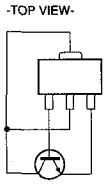
2SC4213A-TE85L (TOSHIBA)

TYPE NO. PRINTED

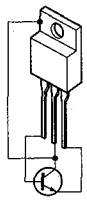


2SD1021-F (NEC)
2SD1020TP-E

-TOP VIEW-

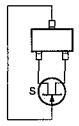


2SD1615A-GP
2SD1615A-T1GQGP (NEC)
2SD1664-T101-R



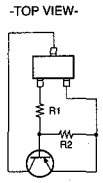
2SD1669R (SANYO)

-TOP VIEW-



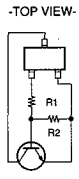
2SK322WQTL (HITACHI)
2SK322WRTL
2SK663
2SK852-T1X3

-TOP VIEW-



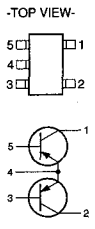
DTA114EUA-T106
DTA144EKA-T146 (R1 = 47 K,R2 = 47 K)
DTA144EUA-T106

-TOP VIEW-



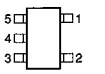
DTC114EU (R1=10K, R2=10K)
DTC114EUA-T106
DTC144EUA-T106 (R1 = 47 K, R2 = 47 K)

-TOP VIEW-

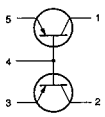


FMS1
FMS1-T-148

-TOP VIEW-

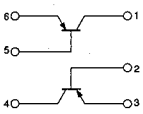


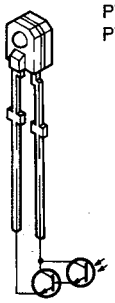
FMS2
FMS2-T-148



-TOP VIEW-

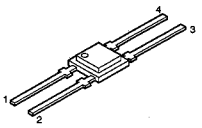
IMT1US (ROHM)
IMT1US-T110



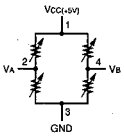


PT483F1
PT483F1S

OTHERS

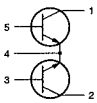


DM-230-1



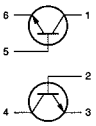
-TOP VIEW-

FMW-8 (ROHM)
FMW-8T148
FMW1
FMW1-T-148
FMW10 (ROHM)
FMW10-T148



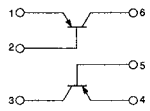
-TOP VIEW-

IMX1
IMX1T110

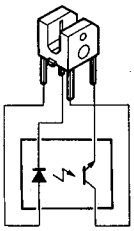


-TOP VIEW-

XP4401-TXE

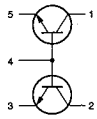


GP1S23

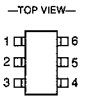


-TOP VIEW-

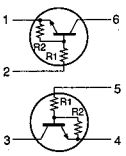
FMW2 (ROHM)
FMW2-T-148



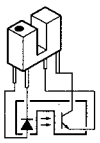
—TOP VIEW—



IMX4-T109 (ROHM)

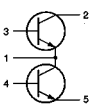


GP1S54



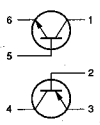
-TOP VIEW-

FMW7 (ROHM)
FMW7-T148



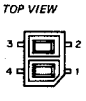
-TOP VIEW-

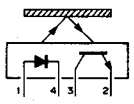
IMZ1
IMZ1T109



GP2S07B

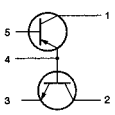
TOP VIEW





-TOP VIEW-

FMY3
FMY3-T-148

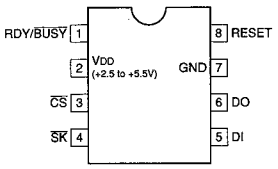


PT480

IC

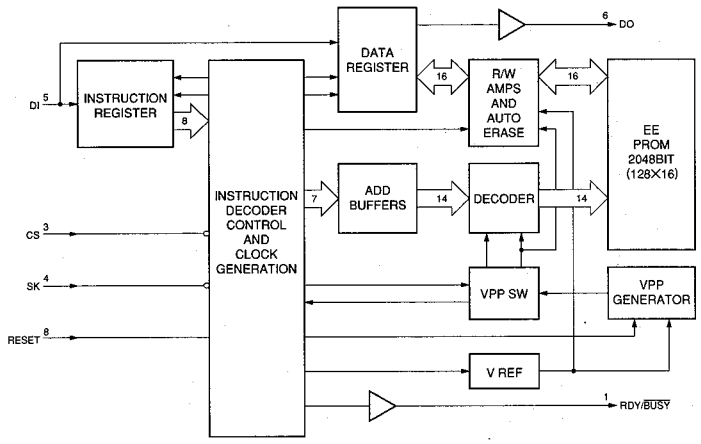
AK6420HF-E2 (ASAHI KASEI MICRO SYSTEM)

C-MOS 2048 (128X16)-BIT ELECTRICALLY ERASABLE PROM
-TOP VIEW-



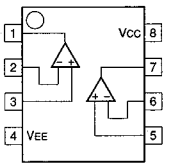
INPUT
CS ; CHIP SELECT
DI ; DATA INPUT
RESET ; RESET
SK ; SERIAL CLOCK

OUTPUT
DO ; DATA OUTPUT
RDY/BUSY ; READY/BUSY



BA10358F-E2 (ROHM)FLAT PACKAGE
UPC358G2-E2
UPC4572G2-E2 (NEC)FLAT PACKAGE

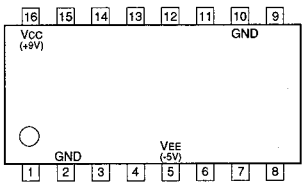
DUAL OPERATIONAL AMPLIFIERS
(SINGLE-SUPPLY TYPE)
-TOP VIEW-

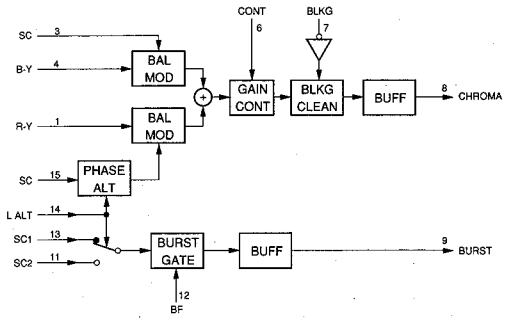


TYPE	Vcc - Vee
828 TYPE	+5 to +36V
2244 TYPE	+2.5 to +36V
2904 TYPE	+3 to +24V
3404 TYPE	+4 to +32V
3414 TYPE	+3 to +10V
4572 TYPE	+4 to +14V
5216 TYPE	+4 to +32V
7022 TYPE	+3 to +16V
75W01 TYPE	+3 to +10V
33172 TYPE	+3 to +44V
OTHERS	+3 to +36V

CX22017 (SONY)
CX22017-TH

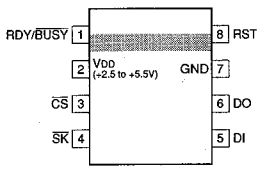
VIDEO SIGNAL PROCESSOR
-TOP VIEW-

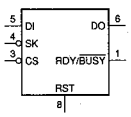




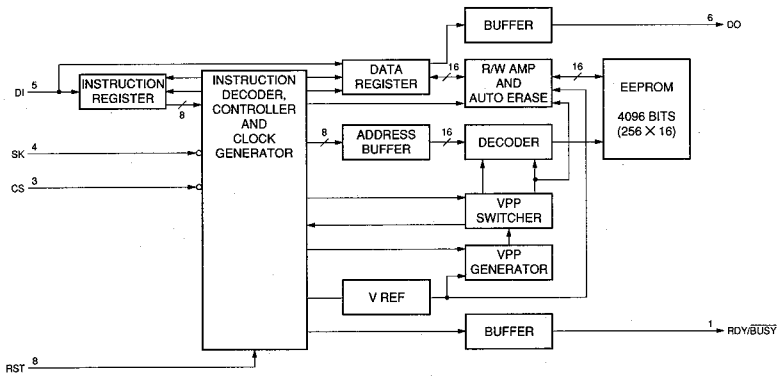
AK6440HF-E2 (ASAHI KASEI)

C-MOS 4K(256X16)-BIT SERIAL EEPROM
–TOP VIEW–



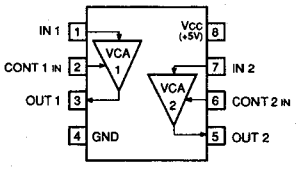


CS ; CHIP SELECT INPUT
DI ; SERIAL DATA INPUT
DO ; SERIAL DATA OUTPUT
RDY/BUSY ; READY/BUSY OUTPUT
RST ; RESET INPUT
SK ; SERIAL DATA CLOCK INPUT



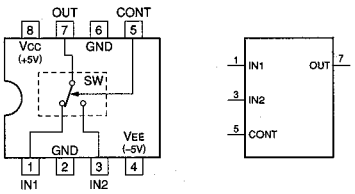
CXA1211M (SONY)
CXA1211M-T4

ELECTRONIC VOLUME
– TOP VIEW –



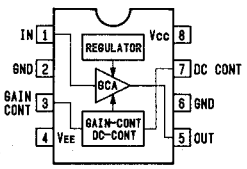
CXA1450M-TH (SONY)FLAT PACKAGE

VIDEO SIGNAL SWITCH
-TOP VIEW-



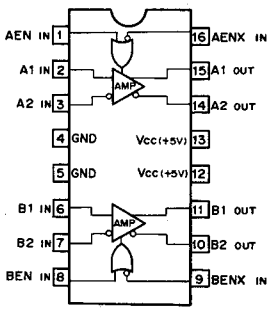
CXA1521M-TH (SONY)

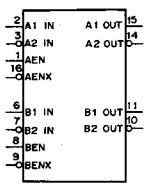
GAIN CONTROL AMP
– TOP VIEW –



CXA1777N-T4 (SONY)FLAT PACKAGE

DUAL DIFFERENTIAL PRE-AMPLIFIER
– TOP VIEW –



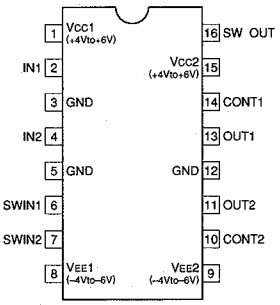


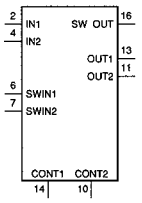
ENX	EN	OUTPUTS
0	X	OUT
X	1	OUT
1	0	HIGH-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HIGH-Z ; HIGH IMPEDANCE

CXA1451M (SONY)
CXA1451M-TH

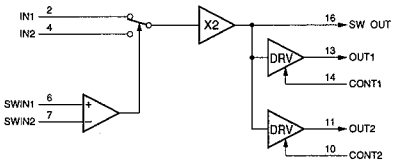
WIDEBAND VIDEO SWITCH
--TOP VIEW-





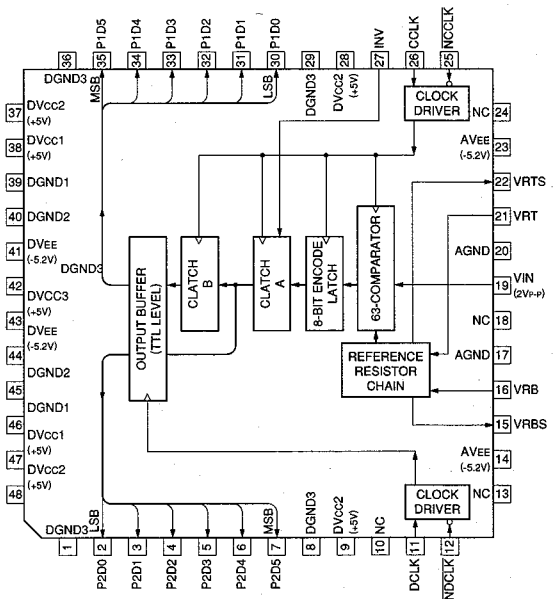
INPUT
CONT1, 2 ; POWER SAVE CONTROL PIN OF DRV. 1 AND DRV. 2
INT1, 2 ; 1/2-CHANNEL INPUT PIN
SWIN1, 2 ; IN1/IN2 PINS SWITCH CONTROL PIN

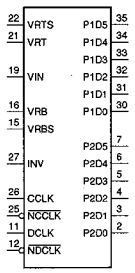
OUTPUT
OUT1, 2 ; OUTPUT PIN OF DRV. 1/2
SWOUT ; OUTPUTS IN1 PIN OR IN2 PIN WHICH HAS BEEN SELECTED BY SWITCH



CXA1866Q (SONY)

6-BIT 140MSPS FLASH A/D CONVERTER
-TOP VIEW-





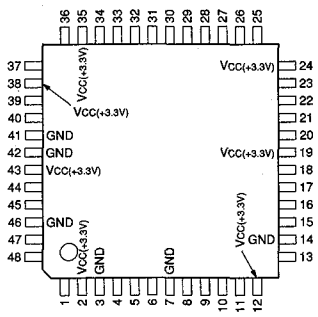
INPUT
CCLK, NCCLK ; CONVERSION CLOCK
DCLK, NDCLK ; DEMULTIPLEX LATCH CLOCK
INV ; INVERT POLARITY OF DIGITAL DATA
VRB ; BOTTOM REFERENCE VOLTAGE
VRT ; TOP REFERENCE VOLTAGE

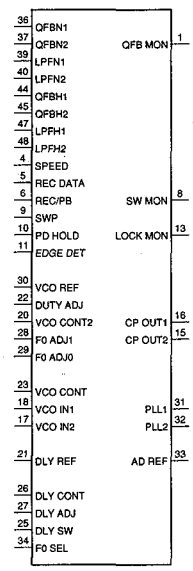
OUTPUT
P1D0 - P1D5 ; DIGITAL DATA OUTPUT(PORT1) (P1D5 ; MSB, P2D5 ; LSB)
P2D0 - P2D5 ; DIGITAL DATA OUTPUT(PORT2) (P2D5 ; MSB, P2D0 ; LSB)
VRBS ; VRB SENSE
VRTS ; VRT SENSE

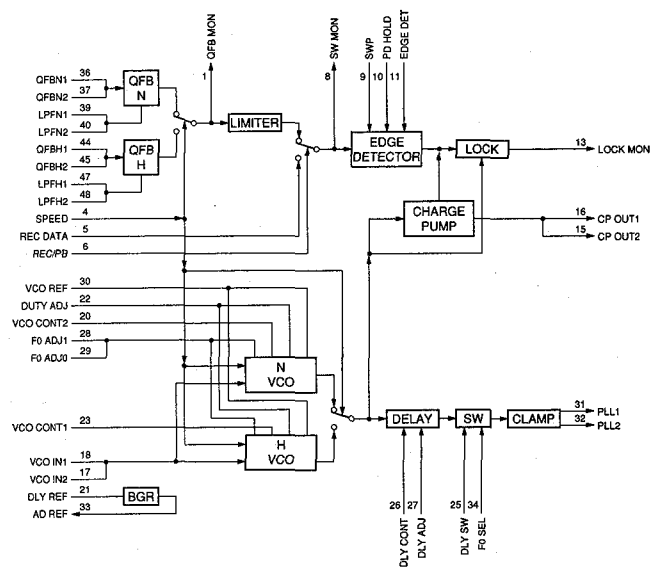
CXA3058Q (SONY)

PHASE-LOCKED LOOP

– TOP VIEW–







PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	QFB MON	25	I	DLY SW
2	—	Vcc(+3.3V)	26	I	DLY CONT
3	—	GND	27	I	DLY ADJ
4	I	SPEED	28	I	F0 ADJ1
5	I	REC DATA	29	I	F0 ADJ0
6	I	REC/PB	30	I	VCO REF
7	—	GND	31	O	PLL1
8	O	SW MON	32	O	PLL2
9	I	SWP	33	O	AD REF
10	I	PD HOLD	34	I	F0 SEL
11	I	EDGE DET	35	—	Vcc(+3.3V)
12	—	Vcc(+3.3V)	36	I	QFBN1
13	O	LOCK MON	37	I	QFBN2
14	—	GND	38	—	Vcc(+3.3V)
15	O	CP OUT2	39	I	LPFN1
16	O	CP OUT1	40	I	LPFN2
17	I	VCO IN2	41	—	GND
18	I	VCO IN1	42	—	GND
19	—	Vcc(+3.3V)	43	—	Vcc(+3.3V)
20	I	VCO CONT2	44	I	QFBH1
21	I	DLY REF	45	I	QFBH2
22	I	DUTY ADJ	46	—	GND
23	I	VCO CONT1	47	I	LPFH1
24	—	Vcc(+3.3V)	48	I	LPFH2

INPUT

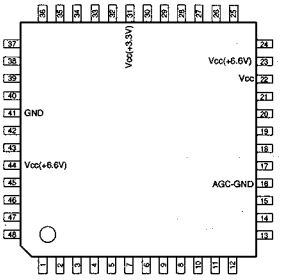
DLY ADJ	; DELAY ADJUSTMENT
DLY CONT	; DELAY CONTROL
DLY REF	; EXTERNAL REFERENCE CURRENT SOURCE
DLY SW	; OUTPUT POLARITY CONTROL (H : INVERT, L : NORMAL)
DUTY ADJ	; VCO DUTY ADJUST
EDGE DET	; EDGE PULSE WIDTH CONTROL
F0 ADJ1, F0 ADJ0	; FREE-RUN FREQUENCY ADJUSTMENT
F0 SEL	; FREE-RUN FREQUENCY SELECT
LPFH1, LPFH2	; LOW-PASS FILTER FOR THE QFB
LPFN1, LPFN2	; LOW-PASS FILTER FOR THE QFB
PD HOLD	; HOLD MODE SELECT (H : HOLD, L : NORMAL)
QFBH1, QFBH2	; PLAYBACK DATA INPUT
QFBN1, QFBN2	; PLAYBACK DATA INPUT
REC DATA	; RECORDING DATA
REC/PB	; REC/PB SELECTOR (H : REC, L : PB)
SPEED	; PLL SPEED SELECT
SWP	; SWITCHING PULSE
VCO CONT1, VCO CONT2	; VCO CENTER FREQUENCY CONTROL
VCO IN1, VCO IN2	; DIFFERENTIAL ERROR INPUT
VCO REF	; EXTERNAL REFERENCE CURRENT SOURCE

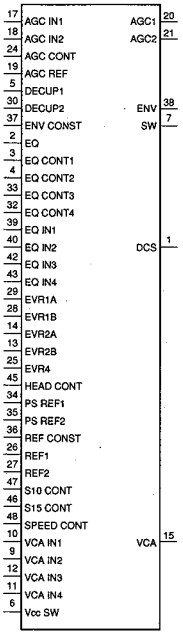
OUTPUT

AD REF	; AD CONVERTER REFERENCE
CP OUT2, CP OUT1	; COMPARATOR OUTPUT
LOCK MON	; LOCK MONITOR
PLL1, PLL2	; PLL OUTPUT
QFB MON	; QUANTIZED FEEDBACK EQUALIZER MONITOR
SW MON	; SW MONITOR

CXA3059Q (SONY)

RF EQUALIZER
-TOP VIEW-





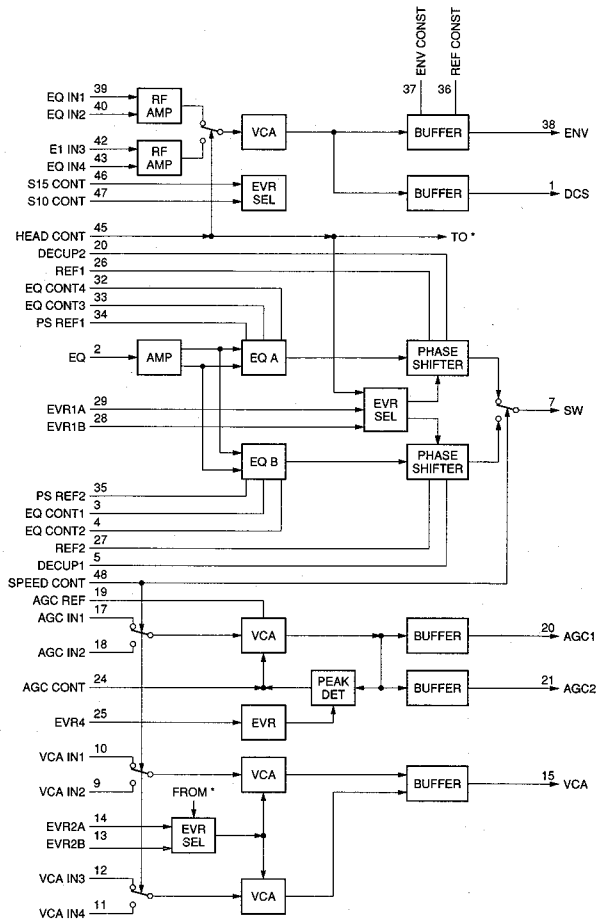
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	DCS	25	I	EVR4
2	I	EQ	26	I	REF1
3	I	EQ CONT1	27	I	REF2
4	I	EQ CONT2	28	I	EVR1B
5	I	DECUP1	29	I	EVR1A
6	I	Vcc SW	30	I	DECUP2
7	O	SW	31	—	Vcc(+3.3V)
8	—	GND	32	I	EQ CONT4
9	I	VCA IN2	33	I	EQ CONT3
10	I	VCA IN1	34	I	PS REF1
11	I	VCA IN4	35	I	PS REF2
12	I	VCA IN3	36	I	REF CONST
13	I	EVR2B	37	I	ENV CONST
14	I	EVR2A	38	O	ENV
15	O	VCA	39	I	EQ IN1
16	—	AGC-GND	40	I	EQ IN2
17	I	AGC IN1	41	—	GND
18	I	AGC IN2	42	I	EQ IN3
19	I	AGC REF	43	I	EQ IN4
20	O	AGC 1	44	—	Vcc(+6.6V)
21	O	AGC 2	45	I	HEAD CONT
22	—	Vcc	46	I	S15 CONT
23	—	Vcc(+6.6V)	47	I	S10 CONT
24	I	AGC CONT	48	I	SPEED CONT

INPUT

AGC IN1, AGC IN2	; AGC INPUT
AGC CONT	; AGC CONTROL
AGC REF	; AGC REFERENCE
DECUP1, DECUP2	; EXTERNAL DECOUPLING CAPACITOR
ENV CONST	; ENVELOPE TIME CONSTANT
EQ	; EQUALIZER
EQ CONT1 - EQ CONT4	; EQUALIZER CONTROL
EQ IN1 - EQ IN4	; RF SIGNAL
EVR1A, EVR1B	; ELECTRONIC VARIABLE RESISTOR
EVR2A, EVR2B	; ELECTRONIC VARIABLE RESISTOR
EVR4	; ELECTRONIC VARIABLE RESISTOR
HEAD CONT	; HEAD CHANNEL CONTROL
PS REF1, PS REF2	; POWER SUPPLY REFERENCE
REF CONST	; REF TIME CONSTANT RESISTOR
SPEED CONT	; SPEED CONTROL
VCA IN1 - VCA IN4	; VOLTAGE CONTROLLED AMPLIFIER INPUT

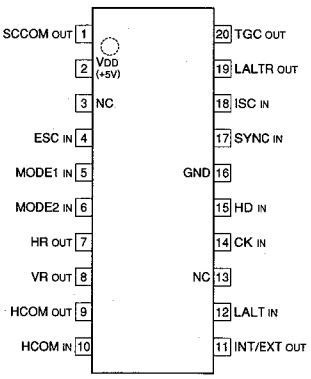
OUTPUT

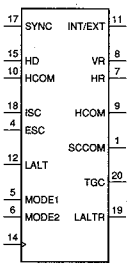
AGC1, AGC2	; AUTOMATIC GAIN CONTROL
DCS	; DC SERVO
ENV	; RF ENVELOPE
SW	; EQ-A OR EQ-B SELECTED SIGNAL
VCA	; VOLTAGE CONTROLLED AMPLIFIER



CXD1216M (SONY)FLAT PACKAGE
CXD1216M-TH

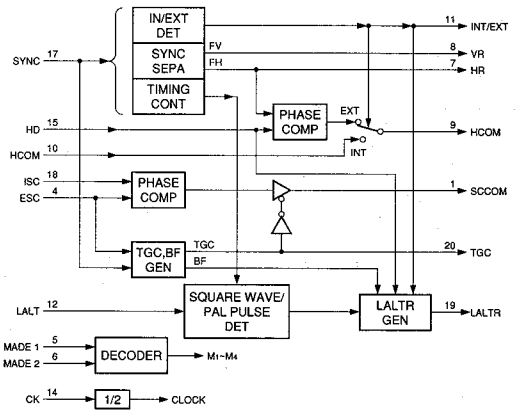
C-MOS GENLOCK DRIVER
-TOP VIEW-





INPUT		MODE	SYSTEM
MODE1	MODE2		
0	0	M1	PAL-VBS
1	0	M2	PALM-VBS
0	1	M3	PAL,SECAM-VS/SC/LALT
1	1	M4	NTSC-VBS,NTSC-VS/SC PALM-VS/SC/LALT

0 ; LOW LEVEL
1 ; HIGH LEVEL



INPUT

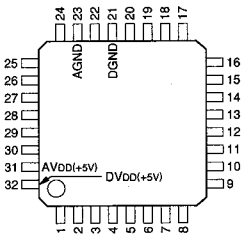
CK	; 4fsc CLOCK INPUT
ESC	; SC/COLOR BURST
HCOM	; PHASE COMPARATE FROM CXD1217
HD	; H DRIVE FROM CXD1217
ISC	; SUBCARRIER FROM CXD1217
LALT	; LALT FROM REFERENCE SIGNAL GENERATOR
MODE1,2	; SYSTEM SELECT
SYNC	; SYNC FROM REFERENCE SIGNAL GENERATOR

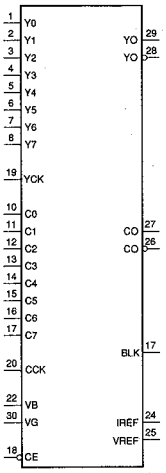
OUTPUT

HCOM	; PHASE COMPARATOR HR WITH HD
HR	; fH OF SYNC SEPARATE
INT/EXT	; INTERNAL/EXTERNAL SPECIFIED
LALTR	; LINE CHANGE RESET
SCCOM	; PHASE COMPARATOR ESC WITH ISC
TGC	; TRISTATE CONTROL
VR	; fv OF SYNC SEPARATE

CXD1177Q (SONY)
CXD1177Q-T4

C-MOS Y/C 2 CHANNEL D/A CONVERTER
-TOP VIEW-



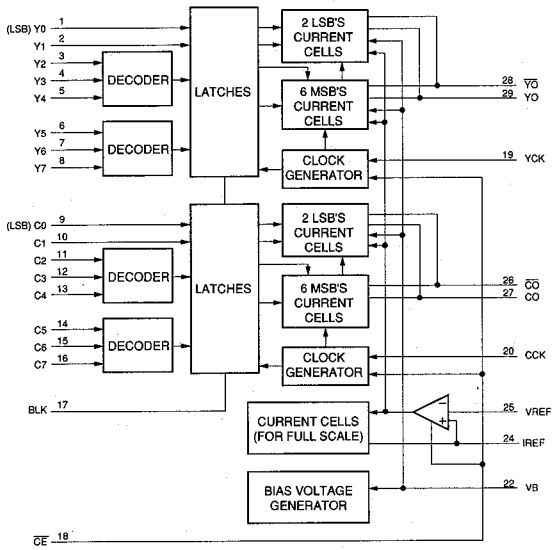


(AVDD, DVDD=5V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	Y0	17	O	BLK
2	I	Y1	18	I	$\overline{CE}$
3	I	Y2	19	I	YCK
4	I	Y3	20	I	CCK
5	I	Y4	21	—	DGND
6	I	Y5	22	I	VB
7	I	Y6	23	—	AGND
8	I	Y7	24	O	IREF
9	I	C0	25	O	VREF
10	I	C1	26	O	$\overline{CO}$
11	I	C2	27	O	CO
12	I	C3	28	O	$\overline{YO}$
13	I	C4	29	O	YO
14	I	C5	30	I	VG
15	I	C6	31	—	AVDD
16	I	C7	32	—	DVDD

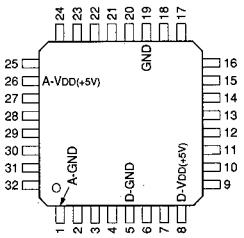
INPUT
C0-C7 ; C DATA
CCK ; CHROMA CLOCK
$\overline{CE}$; CHIP ENABLE
VB ; BIAS VOLTAGE
VG ; GND VOLTAGE
Y0-Y7 ; Y DATA
YCK ; LUMINANCE CLOCK

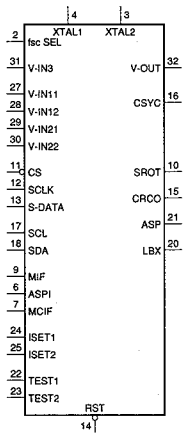
OUTPUT
BLK ; BLANKING PULSE
CO, $\overline{CO}$; C DATA
IREF ; CURRENT REFERENCE
VREF ; VOLTAGE REFERENCE
YO, $\overline{YO}$; Y DATA



CXD2131Q-T4 (SONY)

C-MOS VIDEO ADDITIONAL DATA (ASPECT RATIO IDENTIFICATION) ENCODER/DECODER
– TOP VIEW–



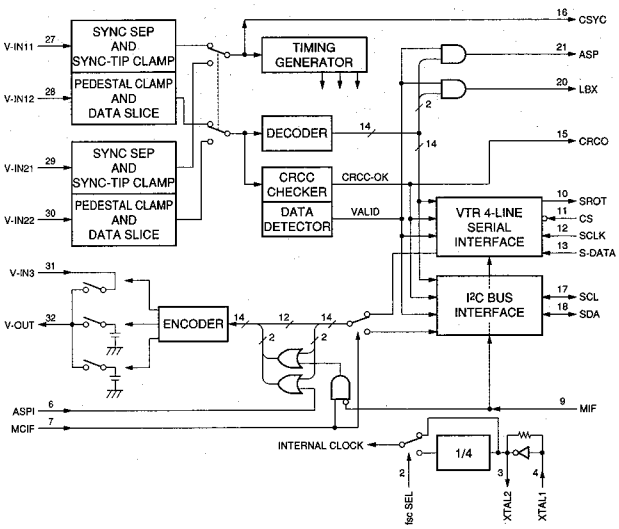


PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	A-GND	17	I	SCL
2	I	fsc SEL	18	I/O	SDA
3	O	XTAL2	19	—	D-GND
4	I	XTAL1	20	O	LBX
5	—	D-GND	21	O	ASP
6	I	ASPI	22	I	TEST1
7	I	MCIF	23	I	TEST2
8	—	D-VDD	24	I	ISET1
9	I	MIF	25	I	ISET2
10	I/O	SROT	26	—	A-VDD
11	I	$\overline{CS}$	27	I	V-IN11
12	I	SCLK	28	I	V-IN12
13	I	S-DATA	29	I	V-IN21
14	I	$\overline{RST}$	30	I	V-IN22
15	O	CRCO	31	I	V-IN3
16	O	CSYC	32	O	V-OUT

INPUT
ASPI ; ASPECT SELECT (H = 16 : 9, L = 4 : 3)
$\overline{CS}$; CHIP SELECT
fsc SEL ; fsc/4fsc SELECT
ISET1, ISET2 ; ANALOG BIAS CURRENT SETTING
MCIF ; MICROCOMPUTER INTERFACE SELECT (L = I²C, H = SERIAL)
MIF ; MICROCOMPUTER INTERFACE SELECT (L = EXIST, H = NONE)
$\overline{RST}$; RESET
SCL ; I²C BUS CLOCK
SCLK ; CLOCK
S-DATA ; SERIAL DATA
TEST1, TEST2 ; FOR TEST
V-IN11 ; SYNC SEP INPUT
V-IN12 ; DECODE DATA SLICER INPUT
V-IN21 ; SYNC SEP INPUT
V-IN22 ; DECODE DATA SLICER INPUT
V-IN3 ; ENCODE INPUT
XTAL1 ; CRYSTAL OSCILLATOR

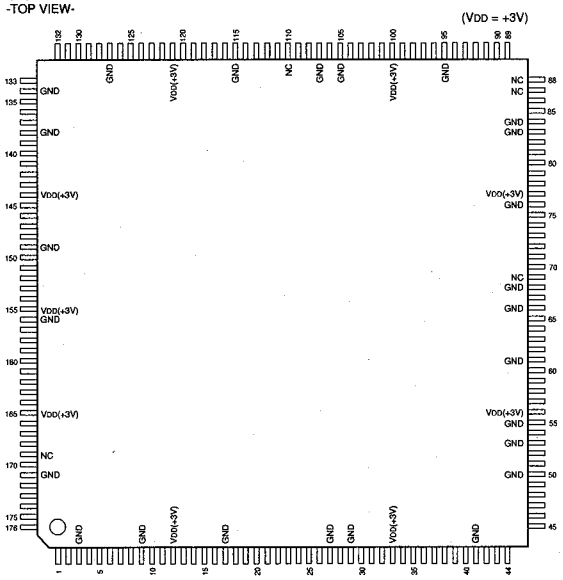
OUTPUT
ASP ; ASPECT (H = 16 : 9, L = 4 : 3)
CRCO ; CRCC CHECK MONITORING
CSYC ; COMPOSITE SYNC MONITORING
LBX ; LETTER BOX (H = LETTER BOX, L = NORMAL)
V-OUT ; ENCODE OUTPUT
XTAL2 ; CRYSTAL OSCILLATOR

INPIUT/OUTPUT
SDA ; I²C BUS DATA
SROT ; SERIAL INTERFACE OUTPUT TO THE MICROCOMPUTER



CXD2187AR (SONY)

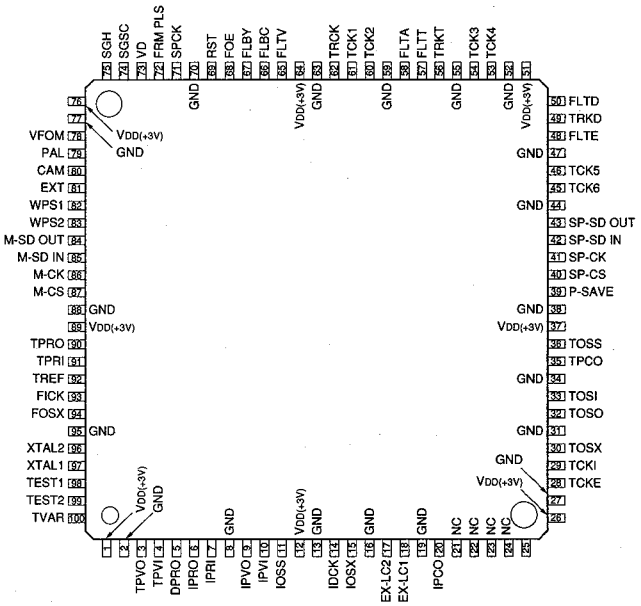
SIGNAL PROCESSOR FOR THE DIGITAL VCR
-TOP VIEW-

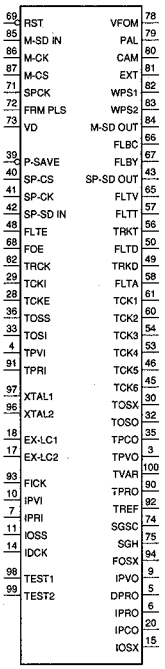


PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	SMODE	45	I	SDI1	89	I/O	IDT15	133	I/O	IDT0
2	I	TMODE	46	O	SDO1	90	I/O	IDT14	134	–	GND
3	–	GND	47	I/O	SIO0	91	I	JSWP	135	I/O	FIDT2
4	O	ADRS4	48	O	DTOE	92	I/O	IDT13	136	I/O	FIDT1
5	O	ADRS5	49	I	RAMTEST	93	I/O	IDT12	137	I/O	FIDT0
6	O	ADRS6	50	–	GND	94	I/O	IDT11	138	–	GND
7	O	ADRS7	51	O	TRP	95	–	GND	139	I	BUPFS
8	O	ADRS8	52	O	FRP	96	I/O	IDT10	140	I	AENA
9	–	GND	53	–	GND	97	I/O	IDT9	141	O	ASTART
10	O	RAS	54	I	VRCK	98	I/O	IDT8	142	O	ADTOT
11	O	UWE	55	–	GND	99	I/O	IDT7	143	I	ADTIN
12	–	VDD	56	–	VDD	100	–	VDD	144	–	VDD
13	O	LWE	57	O	DTSC0	101	I/O	IDT6	145	O	SPSI
14	I/O	W7	58	O	DTSC1	102	I/O	IDT5	146	I	SPSO
15	I/O	SIO7	59	O	DTSC2	103	I/O	IDT4	147	I	SPSCK
16	I/O	W6	60	O	DTSC3	104	I/O	IDT3	148	I	XRST
17	–	GND	61	–	GND	105	–	GND	149	–	GND
18	I/O	SIO6	62	O	DTSC4	106	I	TRCK	150	I	SPCS
19	I/O	SIO12	63	O	DTSC5	107	–	GND	151	I	MCCS
20	I/O	W13	64	O	DTSC6	108	I	FLTT	152	I	MCSCK
21	I/O	SIO13	65	O	DTSC7	109	I	TRKT	153	I	MCSO
22	I/O	W14	66	–	GND	110	–	NC	154	O	MCSI
23	I/O	SIO14	67	I	VPCK	111	O	IENPA	155	–	VDD
24	I/O	W15	68	–	GND	112	O	IENPV	156	–	GND
25	I/O	SIO15	69	–	NC	113	O	IOEC	157	I/O	W12
26	O	SE	70	I	SYCS	114	O	BUPSF	158	I/O	SIO11
27	–	GND	71	I	SCDVCS	115	–	GND	159	I/O	W11
28	O	SC	72	I	VADVCS	116	I/O	FIDT15	160	I/O	SIO10
29	–	GND	73	I	DTCS0	117	I/O	FIDT14	161	I/O	W10
30	I/O	W5	74	I	DTCS1	118	I/O	FIDT13	162	I/O	SIO9
31	I/O	SIO5	75	I	DTCS2	119	I/O	FIDT12	163	I/O	W9
32	I/O	W4	76	–	GND	120	I/O	FIDT11	164	I/O	SIO8
33	–	VDD	77	–	VDD	121	–	VDD	165	–	VDD
34	I/O	SIO4	78	I	DTCS3	122	I/O	FIDT10	166	I/O	W8
35	I/O	W3	79	I	DTCS4	123	I/O	FIDT9	167	O	DSF
36	I/O	SIO3	80	I	DTCS5	124	I/O	FIDT8	168	O	CAS
37	I/O	W2	81	I	DTCS6	125	I/O	FIDT7	169	–	NC
38	I/O	SIO2	82	I	DTCS7	126	I/O	FIDT6	170	O	ADRS0
39	–	GND	83	–	GND	127	–	GND	171	–	GND
40	I/O	W1	84	–	GND	128	I/O	FIDT5	172	O	ADRS1
41	I/O	SIO1	85	I	TBCRE	129	I/O	FIDT4	173	O	ADRS2
42	I/O	W0	86	I	BANK	130	I/O	FIDT3	174	O	ADRS3
43	I	ACLK1	87	–	NC	131	I/O	IDT2	175	I	IDSL1
44	I	BCLK1	88	–	NC	132	I/O	IDT1	176	I	IDSL0

CXD2191R-T6 (SONY)

C-MOS CLOCK/TIMING GENERATOR
-TOP VIEW-





INPUT

EX-LC1	; EXTERNAL LC RESONATOR
FICK	; 13.5MHz OSCILLATOR
FLTE	; REFERENCE FRAME PULSE FOR THE INDI MODE
FOE	; REFERENCE FRAME PULSE FOR THE LINE & CAMERA MODE
FRM PLS	; FRAME PULSE FOR THE AFC
IDCK	; FRAME LOCKED 13.5MHz CLOCK
IOSS	; FRAME LOCKED 13.5MHz DIRECT OR 1/2 SELECT
IPRI	; PILOT REFERENCE
IPVI	; PILOT REFERENCE FEEDBACK
M-CK	; DATA TRANSFER CLOCK
M-CS	; CHIP SELECT
M-SD IN	; SERIAL DATA
P-SAVE	; POWER SAVE
RST	; RESET
SPCK	; HORIZONTAL LOCKED CLOCK (13.5kHz)
SP-CK	; DATA TRANSFER CLOCK
SP-CS	; CHIP SELECT
SP-SD IN	; SERIAL DATA
TCKE	; TRCK BUFFER FOR THE TCK5 & 6
TCKI	; TRCK BUFFER FOR THE TCK1 - 4
TOSI	; EXTERNAL LC RESONATOR
TOSS	; EXTARNAL LC RESONATOR DIRECT OR 1/2 SELECT
TPRI	; EXTERNAL PLL REFERENCE FOR THE TRCK PLL
TPVI	; TRCK PILOT FEEDBACK
TRCK	; TR CLOCK
VD	; VERTICAL PULSE FOR THE AFC
XTAL1	; 13.5MHz EXTERNAL CRYSTAL OSCILLATOR

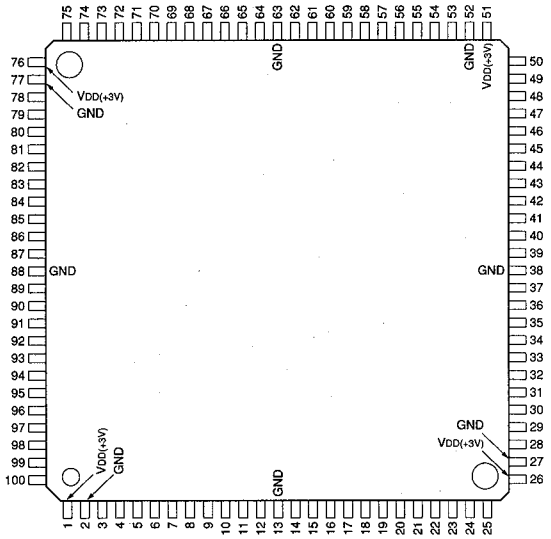
OUTPUT

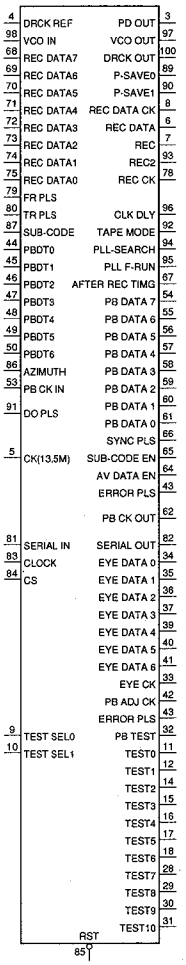
CAM	; STATUS (L = LINE, H = CAM)
DPRO	; DRUM REFERENCE PROTECTION
EX-LC2	; EXTERNAL LC RESONATOR
EXT	; STATUS (L = INT, H = EXT)
FLBC	; FRAME PULSE FOR THE BLK-C DATA IN PB MODE
FLBY	; FRAME PULSE FOR THE BLK-Y DATA IN PB MODE
FLTA	; FRAME PULSE FOR THE RECORDING AUDIO
FLTD	; FRAME PULSE FOR THE MECHANICAL & SPEED CONTROLLERS
FLTT	; FRAME PULSE FOR THE DESHUFFLE MEMORY
FLTV	; FRAME PULSE FOR THE BLK-MEMORY
FOSX	; EXTERNAL CRYSTAL OSCILLTOR BUFFERED OUTPUT
IPCO	; CHARGE PUMP OUTPUT FOR THE IDCK PLL
IOSX	; IDCK PLL OSCILLATOR
IPRO	; PILOT REFERENCE SIGNAL FOR THE IDCK PLL
IPVO	; PILOT FEEDBACK SIGNAL
M-SD OUT	; SERIAL DATA FOR THE MODE CONTROLLER
PAL	; STATUS (L = NTSC, H = PAL)
SGH	; JSG HORIZONTAL PULSE IN PLAYBACK MODE
SGSC	; JSG ODD/EVEN IN PLAYBACK MODE
SP-SD OUT	; SERIAL DATA FOR THE SPEED CONTROLLER
TCK1 - TCK6	; TRCK CLOCK BUFFERS
TOSO	; EXTERNAL LC RESONATOR FOR THE TRCK PLL
TOSX	; TRCK PLL OSCILLATOR
TPCO	; CHARGE PUMP FOR THE TRCK PLL
TPVO	; PILOT FEEDBACK SIGNAL FOR THE TRCK PLL
TPRO	; EXTERNAL PLL REFERENCE SIGNAL FOR THE TRCK PLL
TREF	; REFERENCE PULSE FOR THE FRAME PLL
TRKD	; TRACK PULSE FOR THE MECHANICAL & SPEED CONTROLLERS
TRKT	; TRACK PULSE FOR THE DESHUFFLE MEMORY
TVAR	; FRAME PLL FEEDBACK PULSE (FOR OPERATION CHECK)
VFOM	; STATUS
WPS1	; STATUS
WPS2	; STATUS
XTAL2	; 13.5MHz EXTERNAL CRYSTAL OSCILLATOR

CXD2189AR-T6 (SONY)

C-MOS CHANNEL ENCODER/DECODER(FOR DIGITAL VCR)

–TOP VIEW–





INPUT

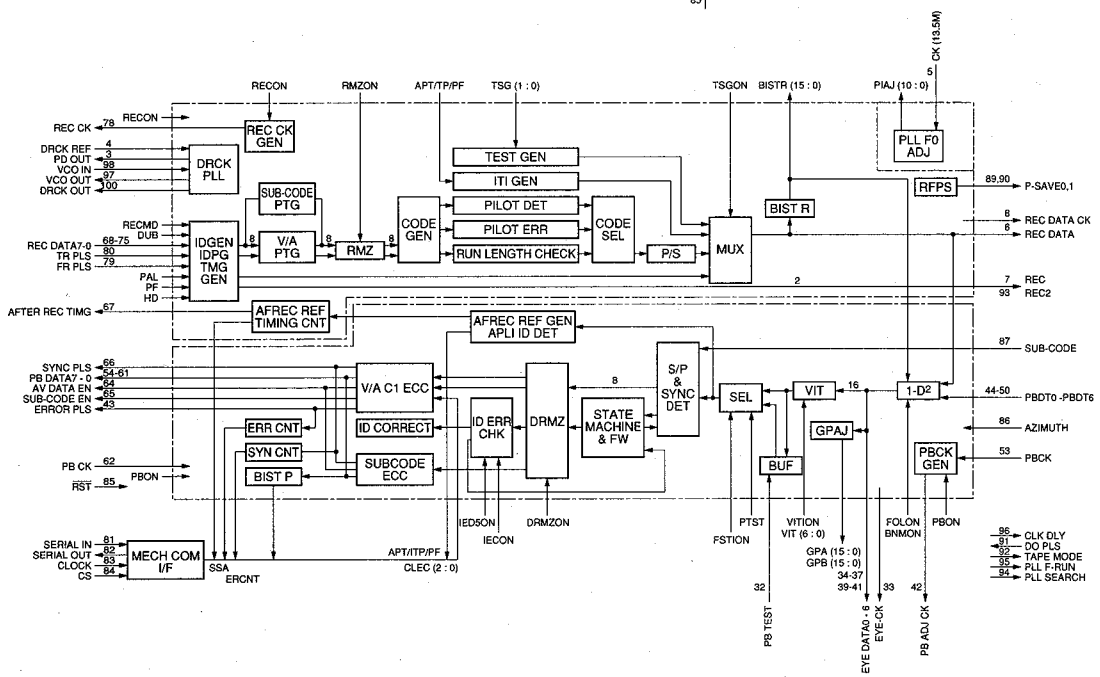
AZIMUTH	; AZIMUTH ID SIGNAL
CK (13.5M)	; 13.5MHz PLL ADJUSTING CLOCK
CLOCK	; MICROCOMPUTER CLOCK INPUT
CS	; MICROCOMPUTER CHIP SELECT
DO PLS	; DROPOUT PULSE
DRCK REF	; DRCK CLOCK REFERENCE
FR PLS	; FRAME PULSE
PBDT0 - 6	; PLAYBACK DATA
PB CK IN	; PLAYBACK CLOCK INPUT
RST	; SYSTEM RESET (L = RESET)
SERIAL IN	; MICROCOMPUTER SERIAL DATA INPUT
SUB-CODE	; SUB-CODE AREA SIGNAL
TEST SEL0, 1	; TEST SIGNAL MODE
TR PLS	; TRACK PULSE
VCO IN	; DRCK PLL OSCILLATOR INPUT

OUTPUT

AFTER REC TIMG	; AFTER RECORDING TIMING
AV DATA EN	; AUDIO/VIDEO DATA ENABLE PERIOD (H = ENABLE)
CLK DLY	; DRCK CLOCK DELAY ROUGH ADJUSTMENT
DRCK OUT	; DRCK PLL OUTPUT
EYE CK	; EYE-PATTERN CHECK CLOCK (TEST DATA)
EYE DATA 0- 6	; EYE-PATTERN CHECK DATA (TEST DATA)
ERROR PLS	; ERROR PULSE
PB ADJ CK	; 1/25 PLAYBACK CLOCK (FOR ADJUSTMENT)
PB CK OUT	; PLAYBACK CLOCK OUTPUT
PB DATA 0 - 7	; PLAYBACK DATA
PD OUT	; DRCK PLL PHASE DETECT
PLL F-RUN	; PLL FREE-RUN MODE
PLL-SEARCH	; PLL HIGH-SPEED SEARCH MODE
P-SAVE0, 1	; POWER SAVE (P-SAVE0 = EVEN CH, P-SAVE1 = ODD CH)
REC	; RECORDING PERIOD
REC2	; RECORDING PERIOD
REC CK	; RECORDING SYSTEM CLOCK (5MHz)
REC DATA	; RECORDING DATA
REC DATA 0 - 7	; RECORDING DATA
REC DATA CK	; CLOCK (41.85MHz) FOR RECORDING DATA
SERIAL OUT	; MICROCOMPUTER SERIAL DATA OUTPUT
SUB CODE EN	; SUB-CODE ENABLE PERIOD (H = ENABLE)
SYNC PLS	; SYNC PULSE
TAPE MODE	; EQ MP TAPE MODE
VCO OUT	; DRCK PLL OSCILLATOR OUTPUT

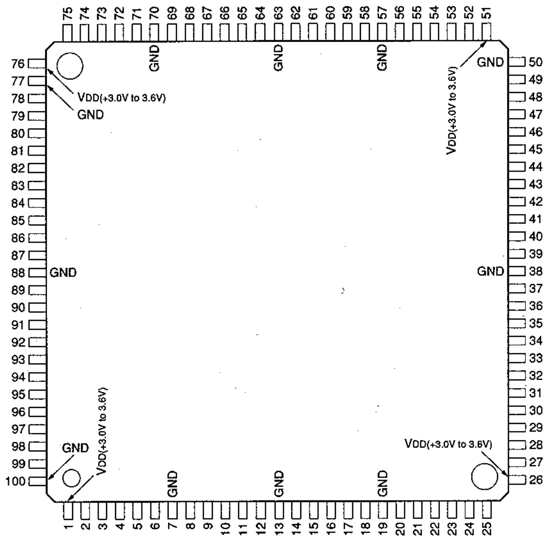
INPUT/OUTPUT

PB TEST	; TEST SIGNAL I/O FOR PLAYBACK SYSTEM

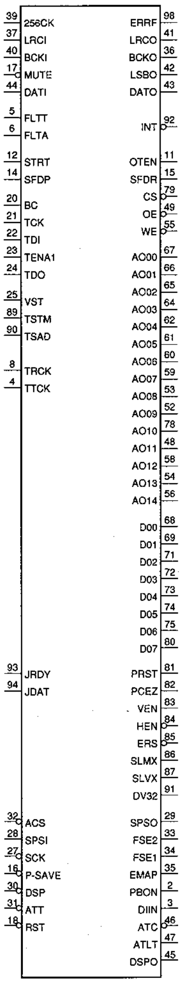


CXD2190R-T6 (SONY)

DIGITAL VCR AUDIO REC/PB SIGNAL PROCESSOR
–TOP VIEW–



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	VDD	35	O	EMAP	69	I/O	D01
2	O	PBON	36	O	BCKO	70	—	GND
3	O	DIIN	37	I	LRCI	71	I/O	D02
4	I	TTCK	38	—	GND	72	I/O	D03
5	I	FLTT	39	I	256CK	73	I/O	D04
6	I	FLTA	40	I	BCKI	74	I/O	D05
7	—	GND	41	O	LRCO	75	I/O	D06
8	I	TRCK	42	O	LSBO	76	—	VDD
9	I/O	TSDA	43	O	DATO	77	—	GND
10	I/O	TSCK	44	I	DATI	78	O	AO10
11	O	OTEN	45	O	DSPO	79	O	CS
12	I	STRT	46	O	ATC	80	I/O	D07
13	—	GND	47	O	ATLT	81	O	PRST
14	I	SFDP	48	O	AO11	82	O	PCEZ
15	O	SFDR	49	O	OE	83	O	VEN
16	I	P-SAVE	50	—	GND	84	O	HEN
17	I	MUTE	51	—	VDD	85	O	ERS
18	I	RST	52	O	AO09	86	O	SLMX
19	—	GND	53	O	AO08	87	O	SLVX
20	—	BC	54	O	AO13	88	—	GND
21	—	TCK	55	O	WE	89	I	TSTM
22	—	TDI	56	O	AO14	90	I	TSAD
23	—	TENA1	57	—	GND	91	O	DV32
24	—	TDO	58	O	AO12	92	O	INT
25	I	VST	59	O	AO07	93	I	JRDY
26	—	VDD	60	O	AO06	94	I	JDAT
27	I	SCK	61	O	AO05	95	O	TNOM
28	I	SPSI	62	O	AO04	96	O	TSTN
29	O	SPSO	63	—	GND	97	O	TBIS
30	I	DSP	64	O	AO03	98	O	ERRF
31	I	ATT	65	O	AO02	99	I/O	TSG
32	I	ACS	66	O	AO01	100	—	GND
33	O	FSE2	67	O	AO00			
34	O	FSE1	68	I/O	D00			



INPUT

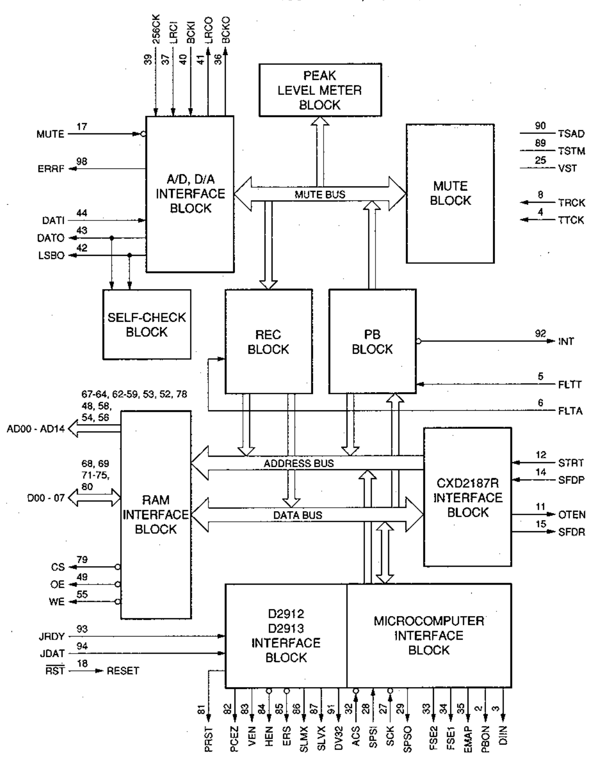
256CK	;	256fs CLOCK INPUT
ACS	;	COMMUNICATION CHIP SELECT (L = ACTIVE) INPUT
ATT	;	AUTO ATTENUATION INTERFACE CHIP SELECT INPUT
BCKI	;	64fs INPUT
DATI	;	AUDIO DATA INPUT
DSP	;	ADSP INTERFACE CHIP SELECT INPUT
FLTA	;	FRAME SIGNAL FOR RECORDING INPUT
FLTT	;	FRAME SIGNAL FOR TRANSMISSION AND PLAYBACK INPUT
JDAT	;	EXTERNAL DEVICE INTERFACE INPUT
JRDY	;	EXTERNAL DEVICE INTERFACE INPUT
LRCI	;	fs CLOCK INPUT
MUTE	;	DIRECT MUTE INPUT (L = MUTE)
P-SAVE	;	POWER SAVE INPUT (L = POWER SAVE)
RST	;	RESET INPUT (L = RESET)
SCK	;	SYSTEM CLOCK INPUT
SFDP	;	PLAYBACK DATA INPUT
SPSI	;	COMMUNICATION DATA INPUT
STRT	;	REC/PB DATA COMMUNICATION START PULSE INPUT
TRCK	;	MAIN CLOCK INPUT (NTSC = 18.1259MHz, PAL = 18.144MHz)
TSAD	;	FOR TEST
TSTM	;	FOR TEST
TTCK	;	AUTO ATTENUATION AND ADSP INTERFACE CLOCK INPUT
VST	;	FOR TEST

OUTPUT

ATC	;	AUTO ATTENUATION INTERFACE CLOCK OUTPUT
ATLT	;	AUTO ATTENUATION INTERFACE LATCH PULSE OUTPUT
AO00 - AO14	;	EXTERNAL RAM ADDRESS OUTPUT
BCKO	;	64fs OUTPUT
CS	;	EXTERNAL RAM CHIP SELECT SIGNAL OUTPUT
PBON	;	MICROCOMPUTER INTERFACE SERIAL/PARALLEL OUTPUT (WORD2/BIT0)
DATO	;	AUDIO DATA OUTPUT
DIIN	;	MICROCOMPUTER INTERFACE SERIAL/PARALLEL OUTPUT (WORD2/BIT1)
DSPO	;	ADSP INTERFACE CLOCK OUTPUT
DV32	;	EXTERNAL DEVICE INTERFACE OUTPUT
EMPA	;	MICROCOMPUTER INTERFACE SERIAL/PARALLEL OUTPUT (WORD2/BIT3)
ERRF	;	PB AUDIO DATA ERROR ID SIGNAL OUTPUT
ERS	;	EXTERNAL DEVICE RESET OUTPUT
FSE1 ,FSE2	;	MICROCOMPUTER INTERFACE SERIAL/PARALLEL OUTPUT (WORD2/BIT4, 5)
HEN	;	EXTERNAL DEVICE INTERFACE OUTPUT
INT	;	PHASE COMPARATOR CLOCK OUTPUT
LRCO	;	fs OUTPUT
LSBO	;	AUDIO DATA OUTPUT (LSB FIRST)
OE	;	EXTERNAL RAM OUTPUT ENABLE SIGNAL OUTPUT
OTEN	;	ENABLE OUTPUT FOR RECORDING DATA TRANSMISSION
PCEZ	;	EXTERNAL DEVICE INTERFACE OUTPUT
PRST	;	EXTERNAL DEVICE INTERFACE OUTPUT
SFDO	;	RECORDING DATA OUTPUT
SLVX	;	EXTERNAL DEVICE INTERFACE OUTPUT
SLXM	;	EXTERNAL DEVICE INTERFACE OUTPUT
SPSO	;	COMMUNICATION DATA OUTPUT
TBIS	;	FOR TEST
TNOM	;	FOR TEST
TSTN	;	FOR TEST
VEN	;	EXTERNAL DEVICE INTERFACE OUTPUT
WE	;	EXTERNAL RAM WRITE ENABLE SIGNAL OUTPUT

INPUT/OUTPUT

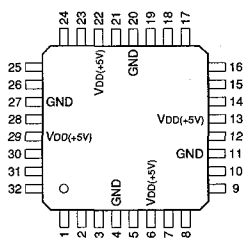
D00 - D07	;	EXTERNAL RAM DATA INPUT/OUTPUT
TSCK	;	FOR TEST
TSDA	;	FOR TEST
TSG	;	FOR TEST

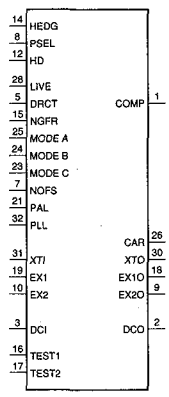


CXD2192Q-T4 (SONY)

C-MOS PLL FOR NTSC/PAL VIDEO SIGNAL

–TOP VIEW–





PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	COMP	17	I	TEST2
2	O	DCO	18	O	EX1O
3	I	DCI	19	I	EX1
4	–	GND	20	–	GND
5	I	DRCT	21	I	PAL
6	–	VDD(+5V)	22	–	VDD(+5V)
7	I	NOFS	23	I	MODE C
8	I	PSEL	24	I	MODE B
9	O	EX2O	25	I	MODE A
10	I	EX2	26	O	CAR
11	–	GND	27	–	GND
12	I	HD	28	I	LIVE
13	–	VDD(+5V)	29	–	VDD(+5V)
14	I	HEDG	30	O	XTO
15	I	NGFR	31	I	XTI
16	I	TEST1	32	I	PLL

INPUT

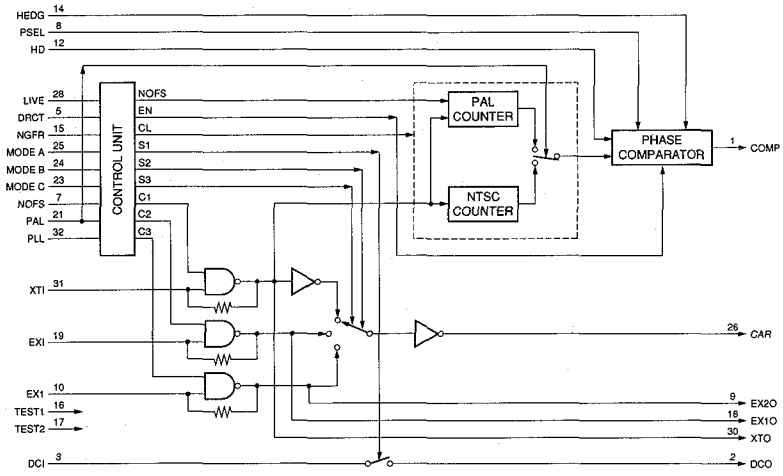
DCI	;	DC VOLTAGE (FOR FREERUN)
DRCT	;	FOR TEST (H : NORMAL)
EX1	;	1st EXTERNAL CLOCK
EX2	;	2nd EXTERNAL CLOCK
HEDG	;	PHASE COMPARATOR TRIGGER EDGE SELECT (H : RISE EDGE OF HD) (L : FALL EDGE OF HD)
HD	;	HD
LIVE	;	POWER SAVE MODE SELECT (H : NORMAL, L : POWER SAVE)
MODE A, B	;	MODE CONTROL
MODE C	;	FOR TEST (L : NORMAL)
NGFR	;	FOR TEST (L : NORMAL)
NOFS	;	FRAME OFFSET SELECT (H : OFF, L : ON)
PAL	;	*PAL/NTSC SELECT (H : PAL, L : NTSC)*
PSEL	;	PHASE COMPARATOR OUTPUT POLARITY SELECT
TEST1 , 2	;	FOR TEST (L : NORMAL)
XTI	;	4fsc OSCILLATOR

OUTPUT

CAR	;	4fsc
COMP	;	*PHASE COMPARATOR*
DCO	;	DC VOLTAGE OUTPUT (FOR FREERUN)
EX1O	;	1st EXTERNAL CLOCK
EX2O	;	2nd EXTERNAL CLOCK
XTO	;	4fsc OSCILLATOR

I/O

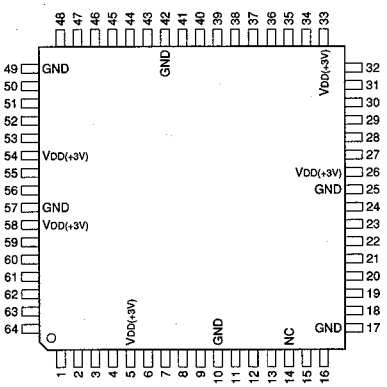
PLL	;	FOR TEST (L: NORMAL)

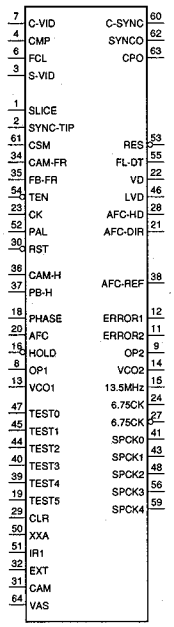


CXD2193AR-ER (SONY)

C-MOS AFC FOR SYNC SIGNAL

–TOP VIEW–





INPUT

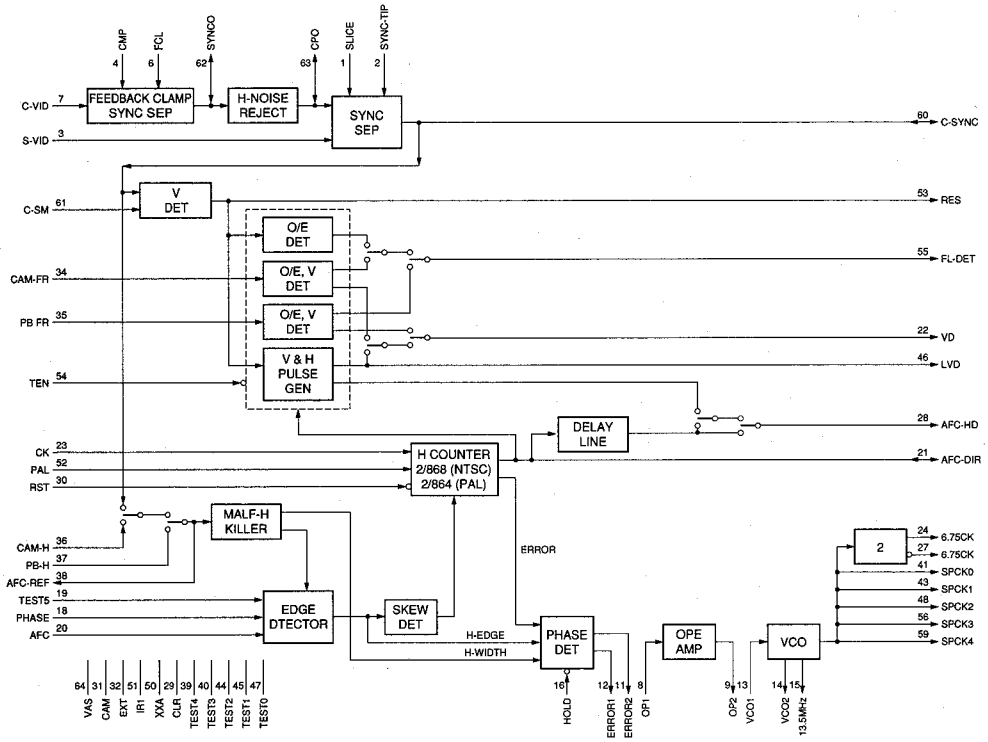
AFC	; AFC LOCK PHASE ADJUSTMENT INPUT
CAM	; CAMERA/LINE SELECT INPUT (H = CAMERA, L = LINE)
CAM-FR	; FRAME SIGNAL IN CAMERA INPUT MODE
CAM-H	; H SYNC INPUT IN CAMERA INPUT MODE
CK	; MASTER CLOCK INPUT (6.75MHz)
CLR	; DIRECT CLEAR INPUT
CMP	; SLICE LEVEL OF THE FEEDBACK CLAMP SYSTEM
CSM	; ABNORMAL SIGNAL COMPENSATOR ON/OFF (H = ON, L = OFF)
C-VID	; VIDEO INPUT OF THE FEEDBACK CLAMP SYSTEM
EXT	; EXTERNAL/INTERNAL SELECT INPUT (H = EXT, L = INT)
FB-FR	; FRAME SIGNAL IN NORMAL PB MODE
FCL	; SYNC-TIP LEVEL OF THE FEEDBACK CLAMP SYSTEM
HOLD	; AFC ERROR HOLD INPUT (L = ERROR HOLD)
OP1	; OPERATIONAL AMPLIFIER INPUT
PAL	; SYSTEM SELECT INPUT (H = PAL, L = NTSC)
PB-H	; H SYNC INPUT IN NORMAL PB MODE
PHASE	; AFC PHASE ADJUST INPUT
RST	; AFC RESET INPUT (L = RESET)
S-VID	; VIDEO INPUT OF THE SYNC CLAMP SYSTEM
SLICE	; SLICE LEVEL OF THE SYNC CLAMP SYSTEM
SYNC-TIP	; SYNC-TIP LEVEL OF THE SYNC CLAMP SYSTEM
TEN	; V SYNC ADJUST INPUT
VAS	; V SYNC ADJUST INPUT
VCO1	; VCO INPUT

OUTPUT

13.5MHz	; 13.5MHz OUTPUT
6.75CK	; 6.75MHz OUTPUT
AFC-HD	; HD FROM THE AFC OUTPUT
AFC-REF	; AFC REFERENCE OUTPUT
C-SYNC	; SEPARATED SYNC OUTPUT OF THE SYNC CLAMP SYSTEM
ERROR1	; AFC MAIN LOOP PHASE ERROR OUTPUT
ERROR2	; AFC SUB LOOP PHASE ERROR OUTPUT
FL-DT	; ODD/EVEN DETECTED OUTPUT (H = 1st and 3rd FIELDS)
LVD	; VERTICAL SYNC OUTPUT (FOR NO SIGNAL DETECTION)
OP2	; OPERATIONAL AMPLIFIER OUTPUT
RES	; V SYNC LPF OUTPUT (FOR TEST)
SPCK1 - SPCK4	; 13.5MHz OUTPUT
SYNCO	; SEPARATED SYNC OUTPUT (FOR TEST)
VCO2	; VCO OUTPUT
VD	; DETECTED VERTICAL SYNC OUTPUT

INPUT/OUTPUT

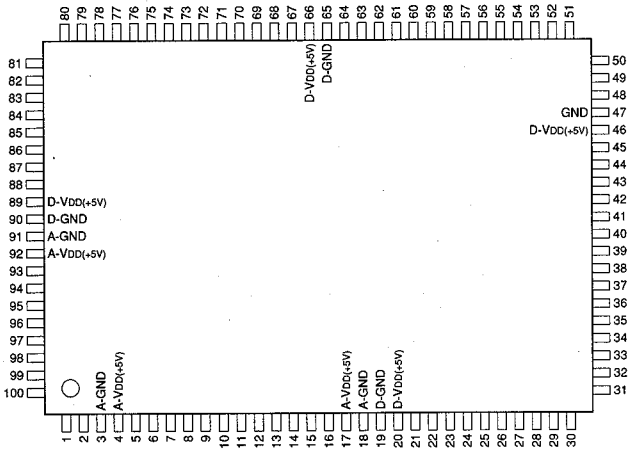
AFC-DIR	; AFC DIRECT (FOR TEST)
CPO	; SYNC CLAMP MONITORING TERMINAL
IR1	; FOR TEST
XXA	; FOR TEST



CXD2208Q (SONY)

C-MOS Y/C SEPARATOR/CLOCK GENERATOR

– TOP VIEW–



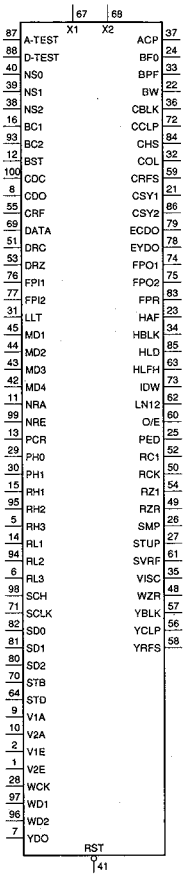
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	V2E	35	O	VISC	69	I	DATA
2	I	V1E	36	O	CBLK	70	I	STB
3	—	A-GND	37	O	ACP	71	I	SCLK
4	—	A-VDD(+5V)	38	I	NS2	72	O	CCLP
5	I	RH3	39	I	NS1	73	O	IDW
6	I	RL3	40	I	NS0	74	O	FPO1
7	I	YDO	41	I	$\overline{RST}$	75	O	FPO2
8	I	CDO	42	I	MD4	76	I	FPI1
9	I	V1A	43	I	MD3	77	I	FPI2
10	I	V2A	44	I	MD2	78	O	EYDO
11	I	NRA	45	I	MD1	79	O	ECDO
12	I	BST	46	—	D-VDD(+5V)	80	I	SD2
13	I	PCR	47	—	D-GND	81	I	SD1
14	I	RL1	48	O	WZR	82	I	SD0
15	I	RH1	49	O	RZR	83	O	FPR
16	I	BC1	50	O	RCK	84	O	CHS
17	—	A-VDD(+5V)	51	I	DRC	85	O	HLD
18	—	A-GND	52	O	RC1	86	O	CSY2
19	—	D-GND	53	I	DRZ	87	I	A-TEST
20	—	D-VDD(+5V)	54	O	RZ1	88	I	D-TEST
21	O	CSY1	55	I	CRF	89	—	D-VDD(+5V)
22	O	BW	56	O	YCLP	90	—	D-GND
23	O	HAF	57	O	YBLK	91	—	A-GND
24	O	BF0	58	O	YRFS	92	—	A-VDD(+5V)
25	O	PED	59	O	CRFS	93	I	BC2
26	O	SMP	60	O	O/E	94	I	RL2
27	O	STUP	61	O	SVRF	95	I	RH2
28	I	WCK	62	O	LN12	96	I	WD2
29	I	PH0	63	O	HLFH	97	I	WD1
30	I	PH1	64	I	STD	98	I	SCH
31	I	LLT	65	—	D-GND	99	I	NRE
32	O	COL	66	—	D-VDD(+5V)	100	I	CDC
33	O	BPF	67	I	X1			
34	O	HBLK	68	O	X2			

INPUT

A-TEST ; ANALOG NODE TEST
BC1, BC2 ; BIAS CURRENT
BST ; BURST
CDC ; SLICE LEVEL
CDO ; C DROPOUT PULSE
CLR ; RESET (L : RESET)
CRF ; EXTERNAL C-REFERENCE SYNC
DATA ; SERIAL DATA
DRC ; 32 nSec DELAYED READ CLOCK (PAL ONLY)
DRZ ; 100 nSec DELAYED READ CLOCK
D-TEST ; DIGITAL MODE TEST
FPI1, FPI2 ; DETECTED COLOR FRAME ID
LLT ; LALT
MD1, MD2 ; VIDEO MODE SELECT
MD3, MD4 ; SIGNAL MODE SELECT
NRA ; INTEGRATOR FOR REJECTING THE SPIKE NOISE ON THE SEPARATED SYNC
NRE ; INTEGRATOR FOR REJECTING THE SPIKE NOISE ON THE SEPARATED SYNC
NS0 - NS2 ; TEST SIGNAL FOR THE DIGITAL TEST MODE
PCR ; EXTERNAL CR FOR DESIGNATING THE SAMPLING PULSE WIDTH
PH0 ; 1/2 WCK (2fsc)
PH1 ; 1/4 WCK (fsc)
RH1 - RH3 ; REFERENCE VOLTAGE (+1.8V)
RL1 - RL3 ; REFERENCE VOLTAGE (+1.7V)
SCH ; DETECTED SC/H VOLTAGE
SCLK ; SERIAL DATA CLOCK
SD0 - SD2 ; COLOR FRAMING PHASE ADJUSTMENT
STB ; SERIAL DATA STROBE
STD ; STANDARD MODE SIGNAL FROM THE SYSTEM CONTROLLER
V1A ; VIDEO SIGNAL FOR CLAMP PULSE GENERATION
V2A ; VIDEO SIGNAL FOR SYNC SEPARATION
V1E ; SELECT Y SIGNAL FOR CLAMP PULSE GENERATION
V2E ; SELECT Y SIGNAL FOR SYNC SEPARATION
WCK ; WRITE CLOCK (4fsc)
WD1 ; LOWER WINDOW VOLTAGE FOR THE COLOR FRAMING DETECTOR
WD2 ; UPPER WINDOW VOLTAGE FOR THE COLOR FRAMING DETECTOR
X1 ; EXTERNAL CRYSTAL OSCILLATOR
YDO ; Y DROPOUT PULSE

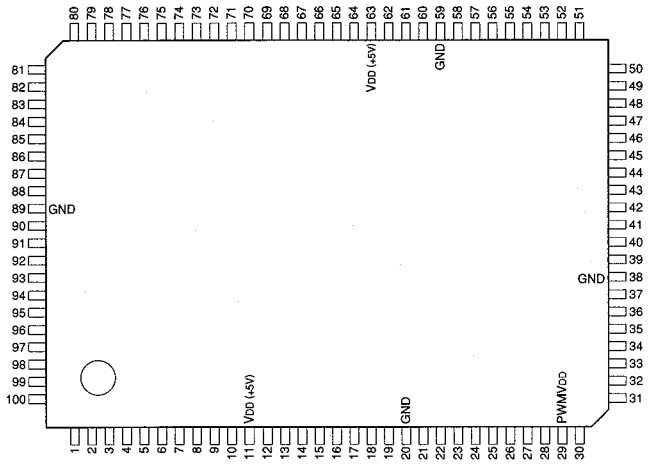
OUTPUT

ACP ; SYNC-TIP CLAMP PULSE
BF0 ; BURST GATE PULSE
BPF ; L : BAND-PASS FILTER MODE PERIOD
BW ; H : B/W, L : COLOR
CBLK ; BLANKING
CCLP ; CTDM CLAMP PULSE
CHS ; CHARGE START OF COLOR FRAMING DETECTION
COL ; H : COLOR PERIOD, L : B/W PERIOD (ALWAYS "H" IN S-VIDEO MODE)
CRFS ; C REFERENCE SYNC GENERATION SIGNAL
CSY1, CSY2 ; SEPARATED SYNC
ECDO ; C DROPOUT
EYDO ; Y DROPOUT
FPO1 ; FP1 OR CTDM FP1 OUTPUT
FPO2 ; FP2 OR CTDM FP2 OUTPUT
FPR ; FIELD PULSE GENERATOR RESET PULSE
HAF ; HALF H PULSE
HBLK ; H SYNC TIMING PULSE
HLD ; SAMPLING PULSE FOR THE COLOR FRAMING DETECTOR
HLFH ; FRONT HALF AND BACK HALF OF EACH LINE (L : FRONT HALF)
IDW ; CTDM CF-ID WINDOW
LN12 ; L : 12 LINES PERIOD
O/E ; ODD/EVEN (H : EVEN, L : ODD)
PED ; PEDESTAL SAMPLING PULSE
RC1 ; READ CLOCK FOR DELAYING IT FOR 35 ns
RCK ; READ CLOCK
RZ1 ; READ CLOCK FOR DELAYING IT FOR 100 ns
RZR ; READ ZERO
SMP ; SAMPLING PULSE
STUP ; CAV Y SETUP PULSE
SVRF ; SERVO REFERENCE
VISC ; SYSTEM CONTROLLER OPERATION STATUS
WZR ; WRITE ZERO
X2 ; EXTERNAL CRYSTAL OSCILLATOR
YBLK ; Y BLANKING PULSE
YCLP ; SELECT Y CLAMP
YRFS ; Y REFERENCE SYNC GENERATION SIGNAL



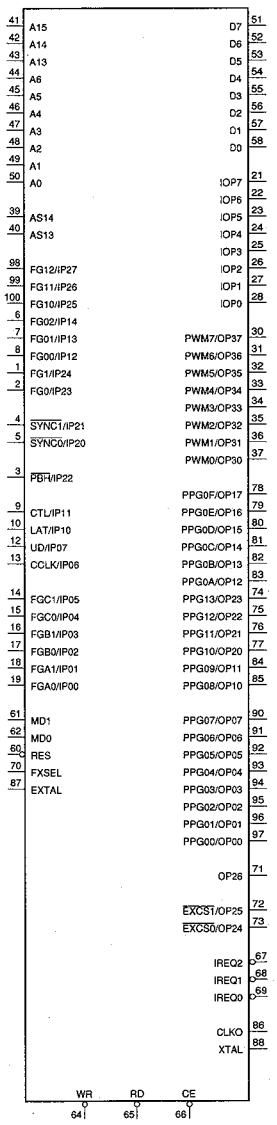
CXD2202Q (SONY)

SERVO IC
-TOP VIEW-



(VDD = +5V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	FG1/IP24	26	I/O	IOP2	51	I/O	D7	76	O	PPG11/OP21
2	I	FG0/IP23	27	I/O	IOP1	52	I/O	D6	77	O	PPG10/OP20
3	I	$\overline{PBH}$/IP22	28	I/O	IOP0	53	I/O	D5	78	O	PPG0F/OP17
4	I	$\overline{SYNC1}$/IP21	29	—	PWM VDD	54	I/O	D4	79	O	PPG0E/OP16
5	I	$\overline{SYNC0}$/IP20	30	O	PWM7/OP37	55	I/O	D3	80	O	PPG0D/OP15
6	I	FG02/IP14	31	O	PWM6/OP36	56	I/O	D2	81	O	PPG0C/OP14
7	I	FG01/IP13	32	O	PWM5/OP35	57	I/O	D1	82	O	PPG0B/OP13
8	I	FG00/IP12	33	O	PWM4/OP34	58	I/O	D0	83	O	PPG0A/OP12
9	I	CTL/IP11	34	O	PWM3/OP33	59	—	GND	84	O	PPG09/OP11
10	I	LAT/IP10	35	O	PWM2/OP32	60	I	$\overline{RES}$	85	O	PPG08/OP10
11	—	VDD	36	O	PWM1/OP31	61	I	MD1	86	O	CLKO
12	I	UD/IP07	37	O	PWM0/OP30	62	I	MD0	87	I	EXTAL
13	I	CCLK/IP06	38	—	GND	63	—	VDD	88	O	XTAL
14	I	FGC1/IP05	39	I	AS14	64	I	$\overline{WR}$	89	—	GND
15	I	FGC0/IP04	40	I	AS13	65	I	$\overline{RD}$	90	O	PPG07/OP07
16	I	FGB1/IP03	41	I	A15	66	I	$\overline{CE}$	91	O	PPG06/OP06
17	I	FGB0/IP02	42	I	A14	67	O	$\overline{IREQ2}$	92	O	PPG05/OP05
18	I	FGA1/IP01	43	I	A13	68	O	$\overline{IREQ1}$	93	O	PPG04/OP04
19	I	FGA0/IP00	44	I	A6	69	O	$\overline{IREQ0}$	94	O	PPG03/OP03
20	—	GND	45	I	A5	70	I	FXSEL	95	O	PPG02/OP02
21	I/O	IOP7	46	I	A4	71	O	OP26	96	O	PPG01/OP01
22	I/O	IOP6	47	I	A3	72	O	$\overline{EXCS1}$/OP25	97	O	PPG00/OP00
23	I/O	IOP5	48	I	A2	73	O	$\overline{EXCS0}$/OP24	98	I	FG12/IP27
24	I/O	IOP4	49	I	A1	74	O	PPG13/OP23	99	I	FG11/IP26
25	I/O	IOP3	50	I	A0	75	O	PPG12/OP22	100	I	FG10/IP25



INPUT

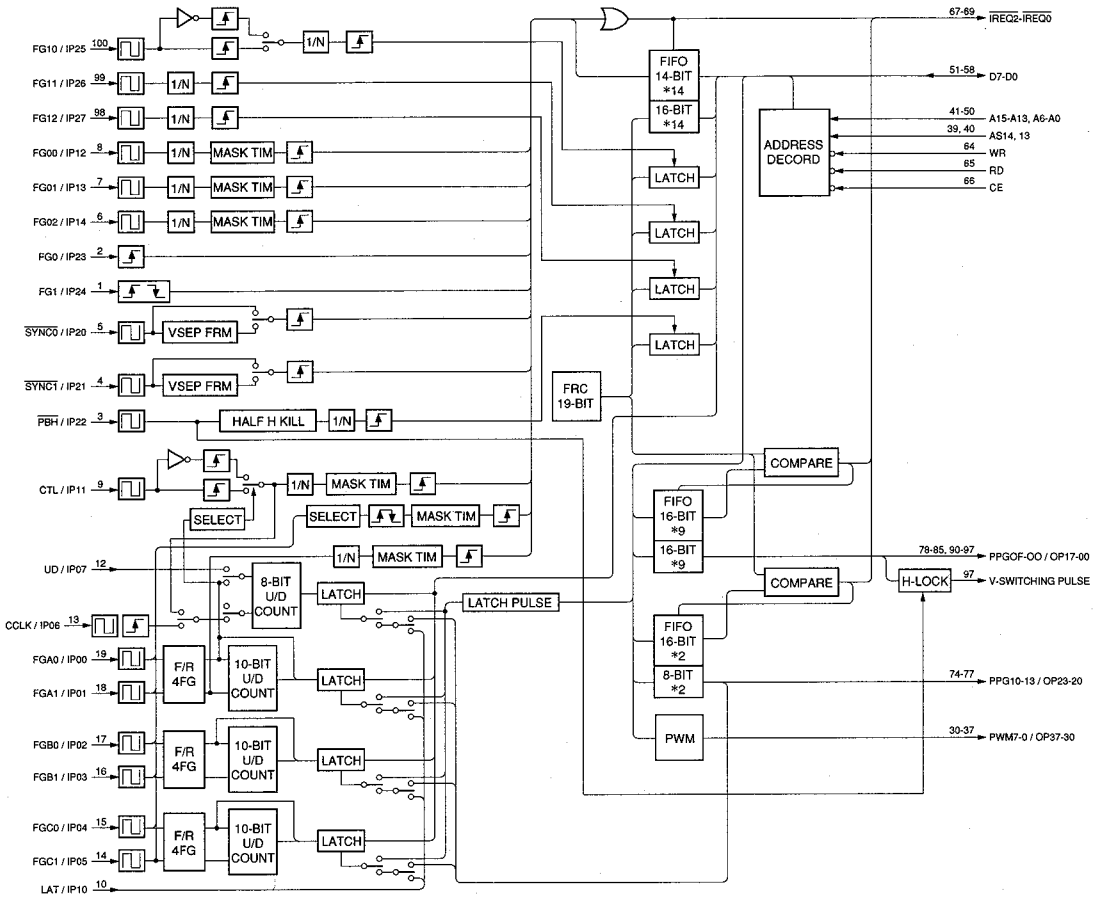
A0 - A15 ; ADDRSSS BUS
AS13, AS14 ; SELECTING CONDITION OF ADDRESS DECODER AS13 AND AS14 BITS
CCLK ; 8-BIT COUNTER CLOCK INPUT
CE ; CHIP ENABLE
CTL ; RESOLUTION 2.5MHz WITH EDGE SELECT FUNCTION.
WITH FREQUENCY DIVISION MASK TIMER
EXTAL ; CRYSTAL OSCILLATION OR EXTERNAL CLOCK INPUT
FG0 ; RESOLUTON 2.5MHz
FG00 - FG02 ; FREQUENCY DIVISION ENABLE RESOLUTION 2.5MHz.
WITH FREQUENCY DIVISION MASK TIMER
FG1 ; RESOLUTION 2.5MHz BOTH EDGES
FG10 ; EDGE SELECTION ENABLE RESOLUTION 10MHz
FG11, FG12 ; FREQUENCY DIVISION ENABLE RESOLUTION 10MHz
FGA0 ; PERFORMS FORWARD/REVERSE ROTATION DETECTION
AND 4FG COUNT (UP/DOWN) BY FGA0 AND FGA1. 10BITS. UP/DOWN IS MADE BY
CONTROLLING THE UP/DOWN OF 8-BIT COUNTER.
FGA1 ; 4FG PERFORMS FREQUENCY DIVISION AND FRC CAPTURE
THROUGH MASK TIMER.
*1 : SELECTS ONE OF FGA0 TO FGC1 INPUT AND DETECTS
BOTH EDGES AND PERFORM THE FRC CAPTURE THROUGH
THE MASK TIMER.
FGB0 ; PERFORMS FORWARD/REVERSE ROTATION DETECTION AND 4FG COUNT
BY FGB0 AND FGB1.
FGB1 ; *1 : SELECTS ONE OF FGA0 TO FGC1 INPUT AND DETECTS
BOTH EDGES AND PERFORM THE FRC CAPTURE THROUGH
THE MASK TIMER.
FGC0 ; PERFORMS FORWARD/REVERSE ROTATION DETECTION AND 4FG COUNT
BY FGC0 AND FGC1.
FGC1 ; *1 : SELECTS ONE OF FGA0 TO FGC1 INPUT AND DETECTS
BOTH EDGES AND PERFORM THE FRC CAPTURE THROUGH
THE MASK TIMER.
FXSEL ; FREQUENCY DIVISION SELECTION CLOCK INPUT
LAT ; EXTERNAL LATCH TIMING OF UP/DOWN COUNTER
MD0, 1 ; TEST MODE DESIGNATION
PBH ; INPUT OF COMPOSITE SYNC OR H SYNC.
RESOLUTION 10MHz. WITH HALF H KILLER.
RD ; REDE
RES ; RESET
SYNC0, 1 ; INPUT OF COMPOSITE SYNC OR V SYNC. RESOLUTION 2.5MHz
UD ; 8-BIT COUNTER UP/ DOWN INPUT
WR ; WRITE

OUTPUT

CLKO ; CLOCK OUTPUT
EXCS0, 1 ; DECODE AT ADDRESS A3 LEVEL
IREQ0 ; INTERRUPTION SIGNAL OF FRC CAPTURE UNIT
IREQ1 ; COINCIDENCE INTERRUPTION OF PPG0
IREQ2 ; COINCIDENCE INTERRUPTION OF PPG1
OP26 ; EXCLUSIVELY OUTPUT PORT
PPG00 - PPG0F
PPG10 - PPG13 ; PROGRAMMABLE PULSE GENERATOR RESOLUTION 1.25MHz
PPG00 : WITH HLOCK
PWM0 - PWM5 ; PWM OUTPUT NORMALLY PWM, OR PWM0 AND PWM1, PWM2 AND PWM3,
OR PWM4 AND PWM5 OUTPUT SIGNAL CORRESPONDED TO PUSH-PULL.
PWM6, 7 ; PWM OUTPUT
XTAL ; CRYSTAL OSCILLATION

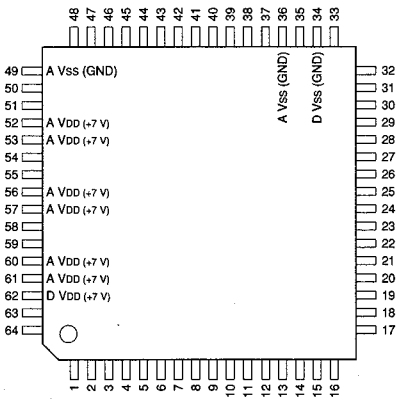
INPUT/OUTPUT

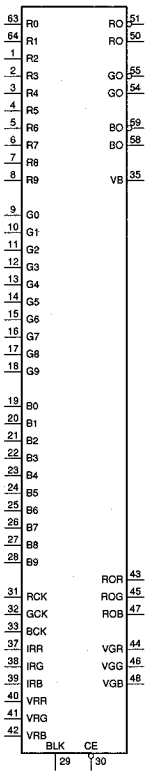
D0 - D7 ; DATA BUS
IOP0 - IOP7 ; SELECTS AND USES INPUT AND OUTPUT BY EVERY 1 BIT.


FG10 / IP25 100
FG11 / IP26 99
FG12 / IP27 98
FG00 / IP12 8
FG01 / IP13 7
FG02 / IP14 6
FG0 / IP23 2
FG1 / IP24 1
SYNC0 / IP20 5
SYNC1 / IP21 4
PBH / IP22 3
CTL / IP11 9
UD / IP07 12
CCLK / IP06 13
FGA0 / IP00 19
FGA1 / IP01 18
FGB0 / IP02 17
FGB1 / IP03 16
FGC0 / IP04 15
FGC1 / IP05 14
LAT / IP10 10
1/N
MASK TIM
VSEP FRM
HALF H KILL
SELECT
8-BIT U/D COUNT
F/R 4FG
10-BIT U/D COUNT
LATCH
LATCH PULSE
FRC 19-BIT
FIFO 14-BIT *14
16-BIT *14
FIFO 16-BIT *9
FIFO 16-BIT *2
8-BIT *2
PWM
COMPARE
ADDRESS DECORD
H-LOCK
67-69 IREQ2-IREQ0
51-58 D7-D0
41-50 A15-A13, A6-A0
39, 40 AS14, 13
64 WR
65 RD
66 CE
78-85, 90-97 PPGOF-OO / OP17-00
97 V-SWITCHING PULSE
74-77 PPG10-13 / OP23-20
30-37 PWM7-0 / OP37-30

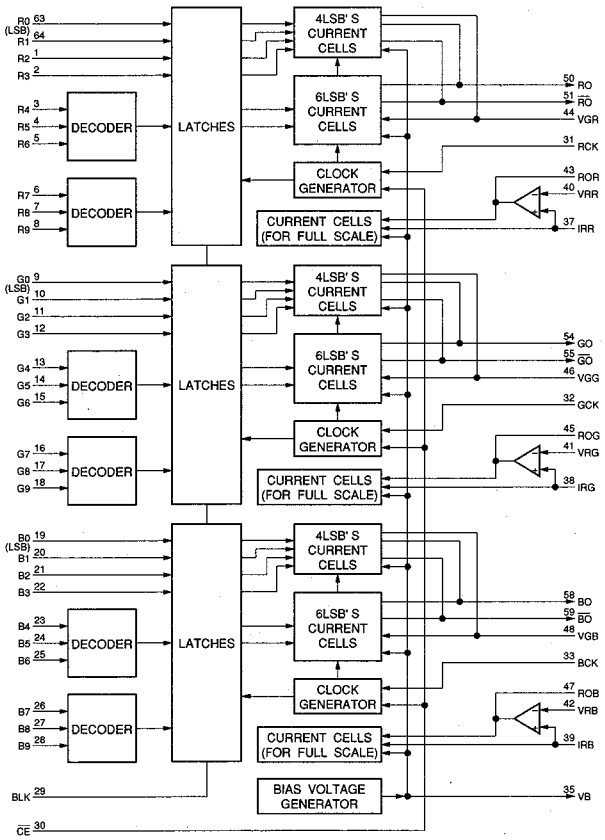
CXD2307R-T4 (SONY)FLAT PACKAGE
CXD2307R-T6

C-MOS 10-BIT 50MSPS RGB 3CHANNEL D/A CONVERTER
— TOP VIEW —



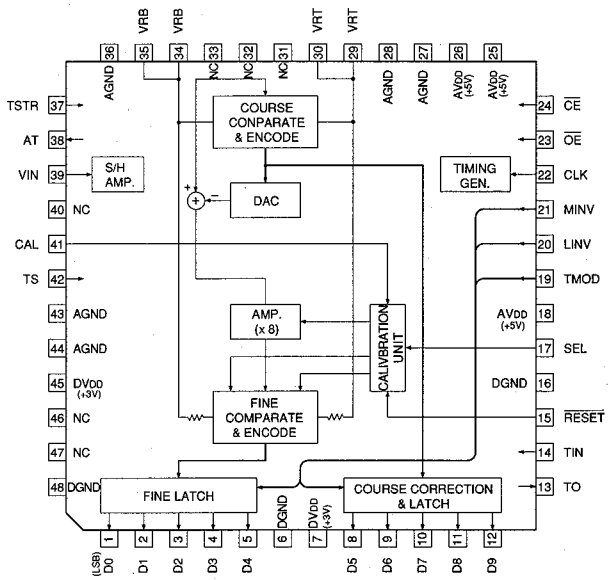


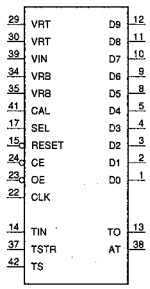
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	R2	17	I	G8	33	I	BCK	49	—	AVss
2	I	R3	18	I	G9	34	—	DVss	50	O	RO
3	I	R4	19	I	B0 (LSB)	35	O	VB	51	O	$\overline{RO}$
4	I	R5	20	I	B1	36	—	AVss	52	—	AVDD
5	I	R6	21	I	B2	37	I	IRR	53	—	AVDD
6	I	R7	22	I	B3	38	I	IRG	54	O	GO
7	I	R8	23	I	B4	39	I	IRB	55	O	$\overline{GO}$
8	I	R9	24	I	B5	40	I	VRR	56	—	AVDD
9	I	G0 (LSB)	25	I	B6	41	I	VRG	57	—	AVDD
10	I	G1	26	I	B7	42	I	VRB	58	O	BO
11	I	G2	27	I	B8	43	I	ROR	59	O	$\overline{BO}$
12	I	G3	28	I	B9	44	I	VGR	60	—	AVDD
13	I	G4	29	I	BLK	45	I	ROG	61	—	AVDD
14	I	G5	30	I	$\overline{CE}$	46	I	VGG	62	—	DVDD
15	I	G6	31	I	RCK	47	I	ROB	63	I	R0 (LSB)
16	I	G7	32	I	GCK	48	I	VGB	64	I	R1



CXD2310AR-T4 (SONY)

C-MOS 10-BIT 20MSPS VIDEO A/D CONVERTER
—TOP VIEW—





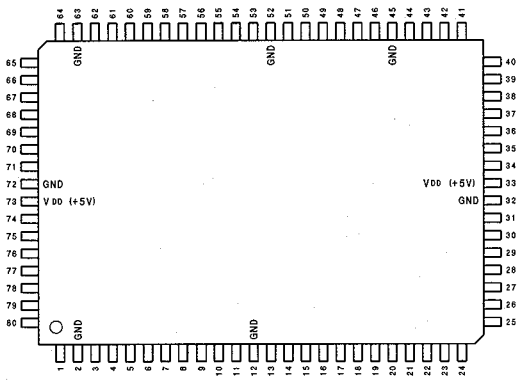
INPUT
CAL ; CALIBRATION PULSE INPUT
CE ; CHIP ENABLE
CLK ; CLOCK
LINV ; OUTPUT (D0-D8) INVERSION
MINV ; OUTPUT (D9) INVERSION
OE ; DIGITAL DATA OUTPUT ENABLE
RESET ; CALIBRATION CIRCUIT RESET
SEL ; OUTPUT DATA (D5-D9) SELECT FOR CALIBRATION (4-CLOCK)
HIGH; THROUGH OUTPUT, LOW; DATA FIXED AS WITH D0-D4
TIN ; TEST SIGNAL INPUT
TMOD ; TEST MODE
TS ; TEST SIGNAL INPUT
TSTR ; TEST SIGNAL INPUT
VRB ; REFERENCE BOTTOM VOLTAGE
VRT ; REFERENCE TOP VOLTAGE

OUTPUT
AT ; TEST SIGNAL OUTPUT
D0-D9 ; DIGIRAL DATA OUTPUT
TO ; TEST PIN

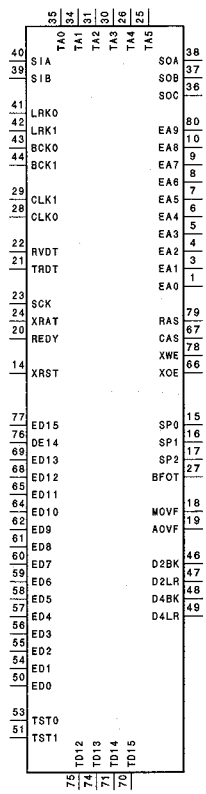
CXD2705AQ (SONY)FLAT PACKAGE

C-MOS DIGITAL AUDIO SIGNAL PROCESSOR

-TOP VIEW-



PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL	PIN NO.	I/O	SYMBOL
1	O	EA0	21	O	TRDT	41	I	LRK0	61	I/O	ED8
2	-	GND	22	I	RVDT	42	I	LRK1	62	I/O	ED9
3	O	EA1	23	I	SCK	43	I	BCK0	63	-	GND
4	O	EA2	24	I	XLAT	44	I	BCK1	64	I/O	ED10 (GND)
5	O	EA3	25	I	TA5	45	-	GND	65	I/O	ED11 (GND)
6	O	EA4	26	I	TA4	46	O	D2BK	66	O	XOE
7	O	EA5	27	O	BFOT	47	O	D2LR	67	O	CAS
8	O	EA6	28	O	CLKO	48	O	D4BK	68	I/O	ED12
9	O	EA7	29	I	CLKI	49	O	D4LR	69	I/O	ED13
10	O	EA8	30	I	TA3	50	I/O	ED0	70	I	TD15
11	I	TA7	31	I	TA2	51	I	TST1	71	I	TD14
12	-	GND	32	-	GND	52	-	GND	72	-	GND
13	I	TA6	33	-	VDD (+5V)	53	I	TST0	73	-	VDD (+5V)
14	I	XRST	34	I	TA1	54	I/O	ED1	74	I	TD13
15	O	SP0	35	I	TA0	55	I/O	ED2	75	I	TD12
16	O	SP1	36	O	SOC	56	I/O	ED3	76	I/O	ED14
17	O	SP2	37	O	SOB	57	I/O	ED4	77	I/O	ED15
18	O	MOVF	38	O	SOA	58	I/O	ED5	78	O	XWE
19	O	AOVF	39	O	SIB	59	I/O	ED6	79	O	RAS
20	O	REDY	40	O	SIA	60	I/O	ED7	80	O	EA9



INPUT
BCK0, BCK1 ;BIT CLOCK
CLKI ;CLOCK
LRK0, LRK1 ;LR CLOCK
RVDT ;DATA FOR HC I/F
SCK ;SIFT CLOCK FOR HC I/F
SIA, SIB ;SERIAL DATA
TA0-TA7 ;TEST
TD12-TD15 ;TEST
TST0, TST1 ;TEST (NORMAL "L")
XLAT ;MODE PARTITION SIGNAL
XRST ;RESET

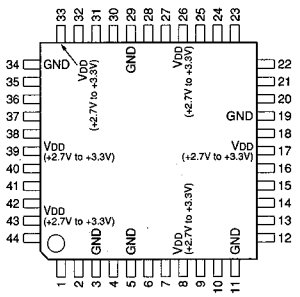
OUTPUT
AOVF ;ALU OVERFLOW SIGNAL
BFOT ;CLOCK BUFFER
CAS ;COLUMN-ADDRESS STROBE FOR EXT. DATA RAM
CLKO ;CLOCK
D2BK ;1/2 BIT CLOCK
D2LR ;1/2 LR CLOCK
D4BK ;1/4 BIT CLOCK
D4LR ;1/4 LR CLOCK
EA0-EA9 ;ADDRESS FOR EXT. DATA RAM
MOVF ;MAC OVERFLOW SIGNAL
RAS ;ROW-ADDRESS STROBE FOR EXT. DATA RAM
REDY ;READY SIGNAL FOR HC I/F
SOA-SOC ;SERIAL DATA
SP0-SP2 ;STATIC PORT 0, 1, 2
TRDT ;DATA FOR HC I/F
XOE ;OUTPUT ENABLE FOR EXT. DATA RAM
XWE ;WRITE ENABLE FOR EXT. DATA RAM

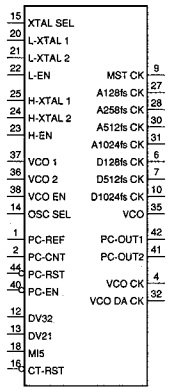
INPUT/OUTPUT
ED0-ED15 ;DATA INPUT/OUTPUT FOR EXT. DATA RAM

CXD2913AQ (SONY)

C-MOS AUDIO PLL OSCILLATOR

–TOP VIEW–



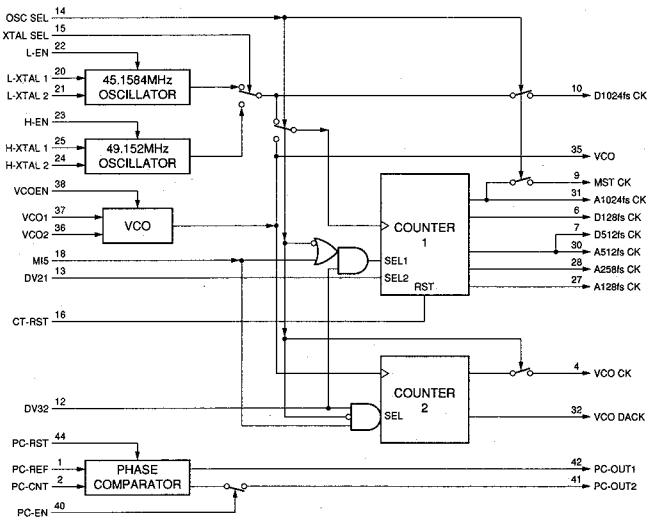


INPUT

CT-RST ; COUNTER RESET INPUT
DV21 ; SPEED MODE SELECT INPUT (H = x2 SPEED, L = x1 SPEED)
DV32 ; FS SELECT INPUT (H = 32kHz, L = 44.1kHz/48kHz)
H-EN ; HIGHER CRYSTAL OSCILLATOR ENABLE INPUT (H = ENABLE)
H-XTAL 1 ; 49.152MHz CRYSTAL OSCILLATOR INPUT
L-EN ; LOWER CRYSTAL OSCILLATOR ENABLE INPUT (H = ENABLE)
L-XTAL 1 ; 45.1584MHz CRYSTAL OSCILLATOR INPUT
MI5 ; COUNTER DIVIDING RATIO SELECT INPUT (H = 1/1.5, L = 1/1)
OSC SEL ; MASTER CLOCK SELECT INPUT (H = VCO, L = CRYSTAL)
PC-CNT ; PHASE COMPARATOR CONTROL INPUT
PC EN ; PC-OUT2 ENABLE INPUT
PC-REF ; PHASE COMPARATOR REFERENCE INPUT
PC-RST ; PHASE COMPARATOR RESET INPUT
VCO 1 ; VCO INPUT
VCO EN ; VCO ENABLE INPUT (H = ENABLE)
XTAL SEL ; MASTER CLOCK SELECT INPUT (H = 48MHz, L = 45MHz)

OUTPUT

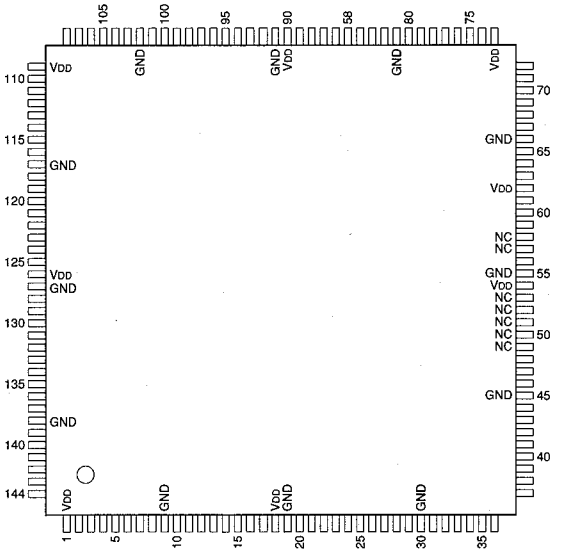
A128fs CK ; ANALOG SYSTEM A/D CONVERTER 128fs CLOCK
A258fs CK ; ANALOG SYSTEM A/D AND D/A CONVERTERS 258fs CLOCK
A512fs CK ; ANALOG SYSTEM D/A CONVERTER 512fs CLOCK
A1024fs CK ; ANALOG SYSTEM D/A CONVERTAR 1024fs CLOCK
D128fs CK ; DIGITAL SYSTEM 128fs CLOCK
D512fs CK ; DIGITAL SYSTEM 512fs CLOCK
D1024fs CK ; DIGITAL SYSTEM 1024fs CRYSTAL OSCILLTOR CLOCK
H-XTAL 2 ; 49.152MHz CRYSTAL OSCILLATOR OUTPUT
L-XTAL 2 ; 45.1584MHz CRYSTAL OSCILLATOR OUTPUT
MST CK ; MASTER CLOCK (1024fs) OUTPUT
PC-OUT1 ; PHASE COMPARATOR OUTPUT
PC-OUT2 ; PHASE COMPARATOR OUTPUT (WITH ENABLE CONTROL)
VCO ; VCO OUTPUT
VCO 2 ; VCO OUTPUT
VCO CK ; VCO CLOCK (512fs) OUTPUT
VCO DA CK ; VCO 512fs D/A CLOCK



CXD3101R (SONY)

SIGNAL PROCESSOR

-TOP VIEW-



(VDD = +2.7 to +3.3V)

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	VDD	37	I	BTRST	73	—	VDD	109	—	VDD
2	O	REC	38	I	BTCK	74	I/O	BUP	110	I/O	B1D10
3	O	CINV	39	I	BTMS	75	I/O	B2D10	111	I/O	B1D11
4	I/O	JSYC	40	I	BTDI	76	I/O	B2D11	112	I/O	B1D12
5	I/O	JC0	41	O	BTDO	77	I/O	B2D12	113	I/O	B1D13
6	I/O	JC1	42	I	XCS	78	I/O	B2D13	114	I/O	B1D14
7	I/O	JC2	43	I	XSCK	79	I/O	B2D14	115	I/O	B1D15
8	I/O	JC3	44	I	SPSO	80	I/O	B2D15	116	I/O	B1D16
9	—	GND	45	—	GND	81	—	GND	117	—	GND
10	I/O	JC4	46	O	SPSI	82	I/O	B2D16	118	I/O	B1D17
11	I/O	JC5	47	I	XRST	83	I/O	B2D17	119	O	WCK1
12	I/O	JC6	48	I	XPS	84	O	WCK2	120	O	B1WS
13	I/O	JC7	49	—	NC	85	O	B2WS	121	O	B1WA0
14	I/O	JSYY	50	—	NC	86	O	B2WA0	122	O	B1WA1
15	I/O	JY0	51	—	NC	87	O	B2WA1	123	O	B1WA2
16	I/O	JY1	52	—	NC	88	O	B2WA2	124	O	B1WA3
17	I/O	JY2	53	—	NC	89	O	B2WA3	125	O	B1WFS
18	—	VDD	54	—	VDD	90	—	VDD	126	—	VDD
19	—	GND	55	—	GND	91	—	GND	127	—	GND
20	I	SPCK	56	I	TRCK	92	O	B2WFS	128	O	B1RFS
21	I/O	JY3	57	—	NC	93	O	B2RFS	129	O	B1RA3
22	I/O	JY4	58	—	NC	94	O	B2RA3	130	O	B1RA2
23	I/O	JY5	59	I	TSI2	95	O	B2RA2	131	O	B1RA1
24	I/O	JY6	60	I	TSI1	96	O	B2RA1	132	O	B1RA0
25	I/O	JY7	61	I	TSI0	97	O	B2RA0	133	O	B1RS
26	I	FLBKC	62	—	VDD	98	O	B2RS	134	O	RCK1
27	I	FLBKY	63	I	FLTV	99	O	RCK2	135	I/O	B1D07
28	I	JOOE	64	I/O	BKD7	100	I/O	B2D07	136	I/O	B1D06
29	I	JFOE	65	I/O	BKD6	101	I/O	B2D06	137	I/O	B1D05
30	—	GND	66	—	GND	102	—	GND	138	—	GND
31	I	BC1	67	I/O	BKD5	103	O	B2D05	139	I/O	B1D04
32	I	TCK	68	I/O	BKD4	104	O	B2D04	140	I/O	B1D03
33	I	TD1	69	I/O	BKD3	105	O	B2D03	141	I/O	B1D02
34	I	TENA1	70	I/O	BKD2	106	O	B2D02	142	I/O	B1D01
35	O	TD0	71	I/O	BKD1	107	O	B2D01	143	I/O	B1D00
36	I	VST	72	I/O	BKD0	108	O	B2D00	144	I	SD

INPUT

BC1	; CROSS CHECK BIT
BTCK	; JTAG CK
BTD1	; JTAG DI
BTMS	; JTAG MS
BTRST	; JTAG RST
FLBKC	; CHROMA PLAYBACK REFERENCE SIGNAL
FLBKY	; Y PLAYBACK REFERENCE SIGNAL
FLTV	; FIELD REFERENCE SIGNAL
JFOE	; FORCED ODD/EVEN
JOOE	; ORIGINAL ODD/EVEN
SD	; HIGH:SD LOW:HD
SPCK	; 13.5 MHz CLOCK
SPSO	; SERIAL DATA
TCK	; CROSS CHECK CLOCK
TD1	; CROSS CHECK DATA
TENA1	; CROSS CHECK TEST
TRCK	; 18.1 MHz CLOCK
TSI0-TSI2	; TEST
VST	; CROSS CHECK GROUND
XCS	; CHIP SELECT
XPS	; POWER SAVE
XRST	; RESET
XSCK	; SERIAL CLOCK

OUTPUT

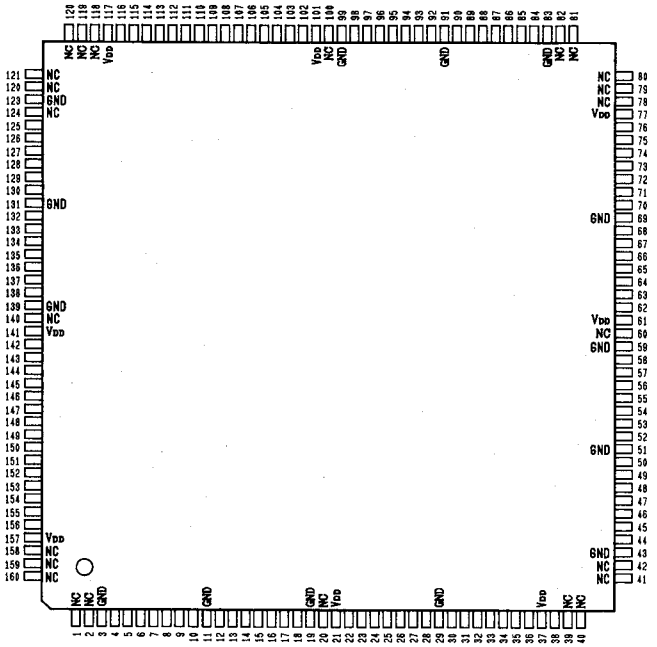
BTD0	; JTAG DO
BIRA0-BIRA3/B2RA0-B2RA3	; BRAM1/BRAM2 READ ADDRESS
B1RFS/B2RFS	; BRAM1/BRAM2 READ FIELD SELECT
B1RS/B2RS	; BRAM1/BRAM2 READ STROBE
B1WA0-B1WA3/B2WA0-B2WA3	; BRAM1/BRAM2 WRITE ADDRESS
B1WFS/B2WFS	; BRAM1/BRAM2 WRITE FIELD SELECT
B1WS/B2WS	; BRAM1/BRAM2 WRITE STROBE
CINV	; CHROMA LINE SEQUENTIAL
RCK1/RCK2	; BRAM1/BRAM2 READ CLOCK
REC	; HIGH:REC, LOW:PB
SPSI	; SERIAL DATA
TD0	; CROSS CHECK DATA
WCK1/WCK2	; BRAM1/BRAM2 WRITE CLOCK

INPUT/OUTPUT

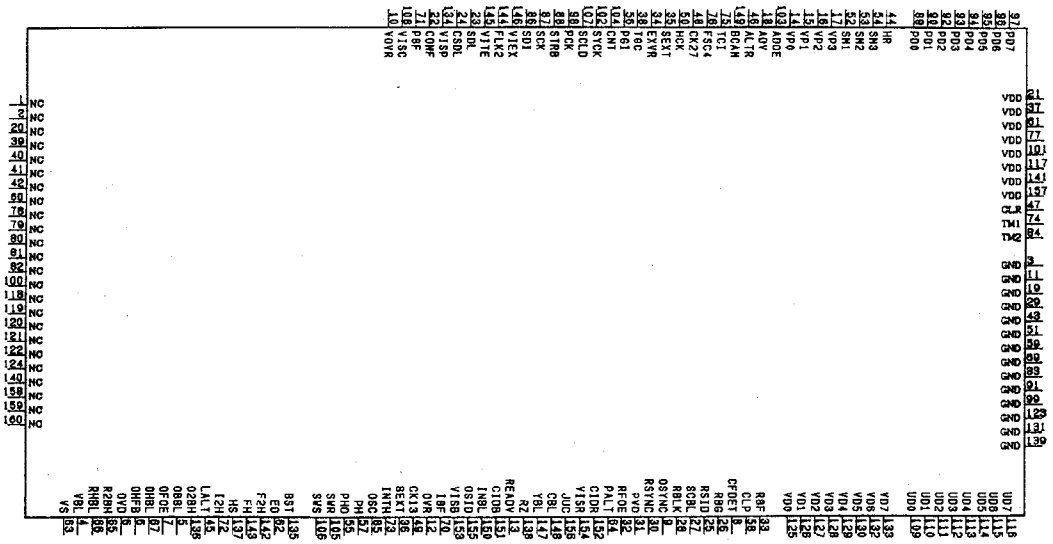
B1D00-B1D07/B2D00-B2D07	; BRAM1/BRAM2 PORT0 DATA
B1D10-B1D17/B2D10-B2D17	; BRAM1/BRAM2 PORT1 DATA
BKD0-BKD7	; BK DATA
BUP	; BUP
JC0-JC7	; CHROMA DATA
JY0-JY7	; Y DATA
JSYC	; CHROMA SYNC
JSYY	; Y SYNC

CXD8165Q (SONY)FLAT PACKAGE

C-MOS REFERENCE SYNC GENERATOR
– TOP VIEW –



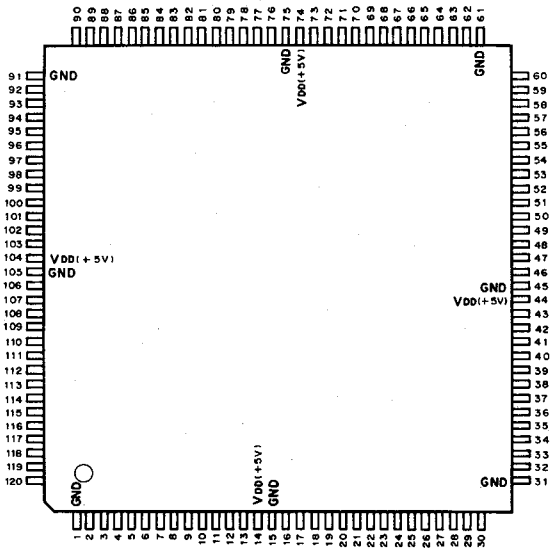
PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	–	NC	41	–	NC	81	–	NC	121	–	NC
2	–	NC	42	–	NC	82	–	NC	122	–	NC
3	–	GND	43	–	GND	83	–	GND	123	–	GND
4	I/O	VBL	44	I	HR	84	I	TM2	124	–	NC
5	I/O	OBBL	45	I/O	LALT	85	O	OSC	125	O	VD0
6	I/O	OVD	46	I	ALTR	86	I	SD1	126	O	VD1
7	I/O	OFOE	47	I	CLR	87	I	SCK	127	O	VD2
8	O	CFDET	48	I	CK27	88	I	STRB	128	O	VD3
9	O	OSYNC	49	O	CK13	89	I/O	PD0	129	O	VD4
10	I	VOVR	50	I	HCK	90	I/O	PD1	130	O	VD5
11	–	GND	51	–	GND	91	–	GND	131	–	GND
12	O	OVR	52	I	SM1	92	I/O	PD2	132	O	VD6
13	O	READV	53	I	SM2	93	I/O	PD3	133	O	VD7
14	I	VP0	54	I	SM3	94	I/O	PD4	134	I	VISP
15	I	VP1	55	O	PHO	95	I/O	PD5	135	I/O	BST
16	I	VP2	56	I	PHI	96	I/O	PD6	136	I/O	O2BH
17	I	VP3	57	O	PH	97	I/O	PD7	137	I/O	HS
18	I	ADV	58	O	CLP	98	I	PCK	138	O	RZ
19	–	GND	59	–	GND	99	–	GND	139	–	GND
20	–	NC	60	–	NC	100	–	NC	140	–	NC
21	–	VDD	61	–	NC	101	–	VDD	141	–	VDD
22	I	CONF	62	I/O	EQ	102	I	SYCK	142	I/O	F2H
23	I	SDL	63	I/O	VS	103	I	ADOE	143	I/O	FH
24	I	CSDL	64	O	PALT	104	I	CNT	144	I	FLK2
25	O	RSID	65	I/O	R2BH	105	O	SWR	145	I	VITE
26	O	RBG	66	I/O	RHBL	106	O	SWS	146	I	VIEX
27	O	SCBL	67	I/O	OHBL	107	I	SCLD	147	O	YBL
28	O	RBLK	68	I/O	OHFB	108	I	VISC	148	O	CBL
29	–	GND	69	–	GND	109	O	UD0	149	I	BCAM
30	O	RSYNC	70	O	I8F	110	O	UD1	150	O	ENBL
31	O	RVD	71	I	P8F	111	O	UD2	151	O	CID8
32	O	REOE	72	I/O	I2H	112	O	UD3	152	O	CIDR
33	O	R8F	73	O	INTH	113	O	UD4	153	O	VISB
34	I	EXVR	74	I	TM1	114	O	UD5	154	O	VISR
35	I	SEXT	75	I	TCI	115	O	UD6	155	O	OSID
36	O	BEXT	76	I	FSC4	116	O	UD7	156	O	JUC
37	–	VDD	77	–	VDD	117	–	VDD	157	–	VDD
38	I	TGC	78	–	NC	118	–	NC	158	–	NC
39	–	NC	79	–	NC	119	–	NC	159	–	NC
40	–	NC	80	–	NC	120	–	NC	160	–	NC



CXD8161AQ (SONY)FLAT PACKAGE

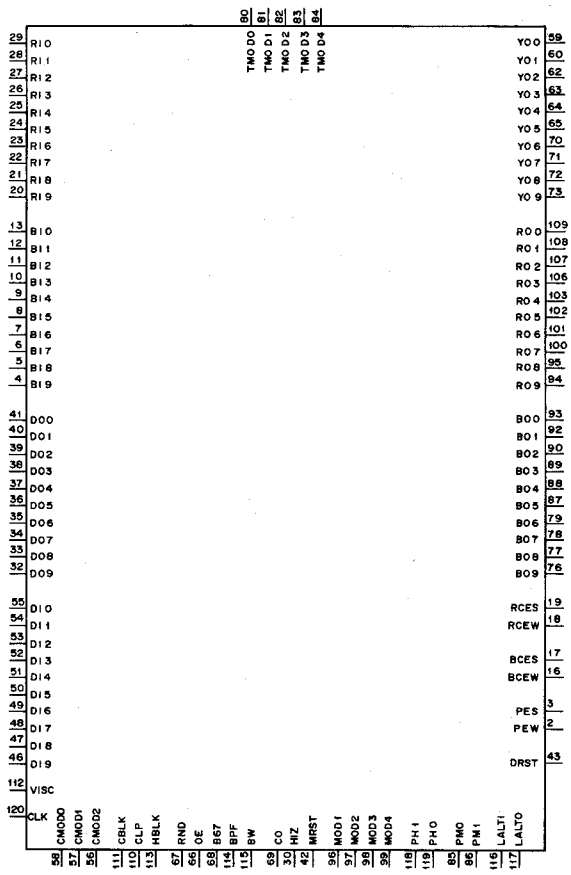
C-MOS DIGITAL Y/C SEPARATOR & CHROMA DECODER

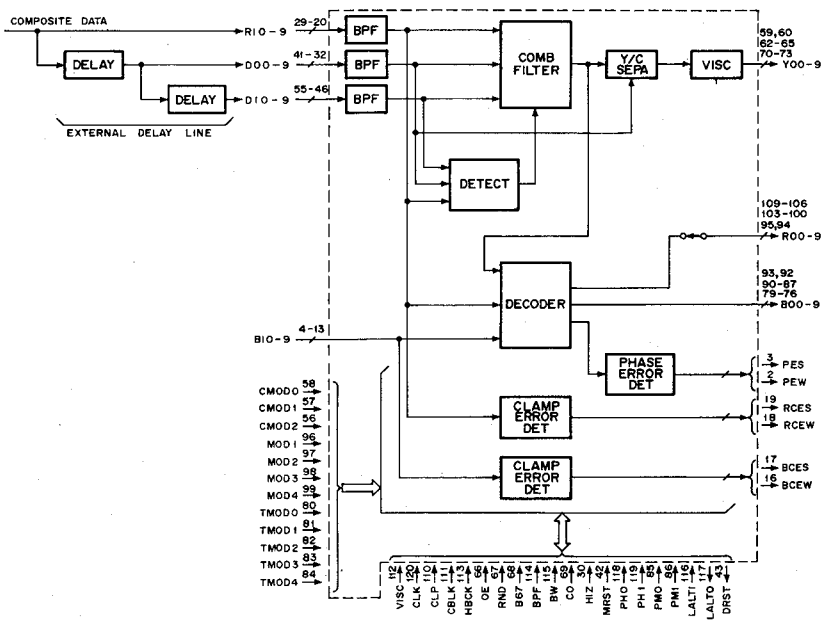
– TOP VIEW –



(VDD = +5V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	–	GND	31	–	GND	61	–	GND	91	–	GND
2	O	PEW	32	I	DO9	62	O	YO2	92	O	BO1
3	O	PES	33	I	DO8	63	O	YO3	93	O	BO0
4	I	BI9	34	I	DO7	64	O	YO4	94	O	RO9
5	I	BI8	35	I	DO6	65	O	YO5	95	O	RO8
6	I	BI7	36	I	DO5	66	I	OE	96	I	HOD1
7	I	BI6	37	I	DO4	67	I	RND	97	I	HOD2
8	I	BI5	38	I	DO3	68	I	B67	98	I	HOD3
9	I	BI4	39	I	DO2	69	I	CO	99	I	HOD4
10	I	BI3	40	I	DO1	70	O	YO6	100	O	RO7
11	I	BI2	41	I	DO0	71	O	YO7	101	O	RO6
12	I	BI1	42	I	MRST	72	O	YO8	102	O	RO5
13	I	BI0	43	O	DRST	73	O	YO9	103	O	RO4
14	–	VDD	44	–	VDD	74	–	VDD	104	–	VDD
15	–	GND	45	–	GND	75	–	GND	105	–	GND
16	O	BCEW	46	I	DI9	76	O	BO9	106	O	RO3
17	O	BCES	47	I	DI8	77	O	BO8	107	O	RO2
18	O	RCEW	48	I	DI7	78	O	BO7	108	O	RO1
19	O	RCES	49	I	DI6	79	O	BO6	109	O	RO0
20	I	RI9	50	I	DI5	80	I	TMOD0	110	I	CLP
21	I	RI8	51	I	DI4	81	I	TMOD1	111	I	CBLK
22	I	RI7	52	I	DI3	82	I	TMOD2	112	I	YISC
23	I	RI6	53	I	DI2	83	I	TMOD3	113	I	HBLK
24	I	RI5	54	I	DI1	84	I	TMOD4	114	I	BPF
25	I	RI4	55	I	DI0	85	I	PM0	115	I	BW
26	I	RI3	56	I	CMOD2	86	I	PM1	116	I	LALT1
27	I	RI2	57	I	CMOD1	87	O	BO5	117	O	LALT0
28	I	RI1	58	I	CMOD0	88	O	BO4	118	I	PH1
29	I	RI0	59	O	YO0	89	O	BO3	119	I	PH0
30	I	HIZ	60	O	YO1	90	O	BO2	120	I	CLK





INPUT

B67	; CORRELATION DETECT SENSITIVITY SELECT (H ; 6 BITS/L ; 7 BITS)
BI0 – BI9	; B-Y DATA (COMPONENT MODE)
BPF	; L ; BAND PASS FILTER SELECT
BW	; COMPOSITE SIGNAL THROUGH OUT CONTROL
CBLK	; CHROMA BLANKING PULSE
CLK	; CLOCK
CLP	; CLAMP PULSE
* 1) CMOD0 – D2	; Y/C CORRECATION MODE SELECT
CO	; CHROMA DECODE CONTROL
DI0 – DI9	; 2H DELAY DATA (COMPOSITE MODE) for NTSC 4H DELAY DATA (COMPOSITE MODE) for PAL/PAL-M
DO0 – DO9	; 1H DELAY DATA (COMPOSITE MODE) for NTSC 2H DELAY DATA (COMPOSITE MODE) for PAL/PAL-M
HBLK	; H BLANKING PULSE
HIZ	; PULSE CONTROL
LALTI	; LINE ALTERNATE
* 2) MODE1 – MODE4	; MODE SELECT
MRST	; RESET
OE	; OUTPUT ENABLE
PH0, PH1	; REFERENCE PHASE for CHROMA DECODE and VLSC GENERATION
PM0, PM1	; PHASE SHIFT CONTROL
RI0 – RI9	; COMPOSITE DATA (COMPOSITE MODE) R-Y DATA (COMPONENT MODE) CHROMA DATA (CHROMA MODE)
RND	; OUTPUT ROUND OFF SELECT
TMOD0 – D4	; TEST MODE/BPF STAGE SELECT
VISC	; VIRTICAL INTERVAL SUB-CARRIER CONTROL

OUTPUT

BCES	; B-Y CLAMP ERROR SENSE
BCEW	; B-Y CLAMP ERROR WIDTH
BO0 – BO9	; B-Y DATA (B 09 ; MSB)
DRST	; EXTERNAL DELAY LINE RESET
LALTO	; LINE ALTERNATE
PES	; PHASE ERROR SENSE
PEW	; PHASE ERROR WIDTH
RCES	; R-Y CLAMP ERROR SENSE
RCEW	; R-Y CLAMP ERROR WIDTH
RO0 – RO9	; R-Y DATA (RO9 ; MSB)
YO0 – YO9	; Y DATA (Y09 ; MSB)

* 1)

CMOD2	CMOD1	CMOD0	MODE
0	0	0	0-1 FIX
0	0	1	1-2 FIX
0	1	0	0-1-2 FIX
0	1	1	BPF FIX
1	0	0	0-1/1-2/0-1 ADAPTIVE
1	0	1	0-1/1-2/1-2 ADAPTIVE
1	1	0	0-1/1-2/0-1-2 ADAPTIVE
1	1	1	0-1/1-2/0-1-2/BPF ADAPTIVE

0 ; LOW LEVEL
1 ; HIGH LEVEL

0-1 ; UPPER 2 LINE COMB FILTER
1-2 ; LOWER 2 LINE COMB FILTER
0-1-2 ; UPPER/LOWER 3 LINE COMB FILTER

* 2)

MODE2	MODE1	MODE
0	0	PAL
0	1	PAL-M
1	0	SECAM
1	1	NTSC

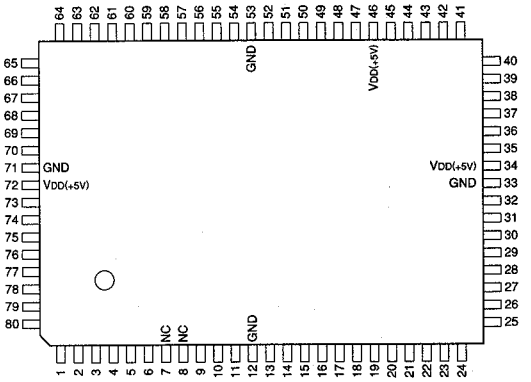
MODE4	MODE3	MODE
0	0	COMPONENT
0	1	COMPOSITE
1	0	CTDM
1	1	CHROMA

0 ; LOW LEVEL
1 ; HIGH LEVEL

CXD8176AQ (SONY)

C-MOS DUAL PORT RAM CONTROLLER

-TOP VIEW-



(VDD = +5V)

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I/O	DOL	21	I/O	D7R	41	I/O	D6M	61	I	A10L
2	I	WRL	22	I/O	D6R	42	I/O	D5M	62	I	A9L
3	I	RDL	23	I/O	D5R	43	I/O	D4M	63	I	A8L
4	O	WAITL	24	I/O	D4R	44	I/O	D3M	64	I	A7L
5	I	CSL	25	I/O	D3R	45	I/O	D2M	65	I	A6L
6	I	CKL	26	I/O	D2R	46	—	VDD	66	I	A5L
7	—	NC	27	I/O	D1R	47	I/O	D1M	67	I	A4L
8	—	NC	28	I/O	D0R	48	I/O	D0M	68	I	A3L
9	I	A10R	29	I	WRR	49	O	A0M	69	I	A2L
10	I	A9R	30	I	RDR	50	O	A1M	70	I	A1L
11	I	A8R	31	O	WAITR	51	O	A2M	71	—	GND
12	—	GND	32	I	CSR	52	O	A3M	72	—	VDD
13	I	A7R	33	—	GND	53	—	GND	73	I	A0L
14	I	A6R	34	—	VDD	54	O	A4M	74	I/O	D7L
15	I	A5R	35	I	CKR	55	O	A5M	75	I/O	D6L
16	I	A4R	36	I	CKT	56	O	A6M	76	I/O	D5L
17	I	A3R	37	O	WEM	57	O	A7M	77	I/O	D4L
18	I	A2R	38	O	OEM	58	O	A8M	78	I/O	D3L
19	I	A1R	39	O	CEM	59	O	A9M	79	I/O	D2L
20	I	A0R	40	I/O	D7M	60	O	A10M	80	I/O	D1L

INPUT

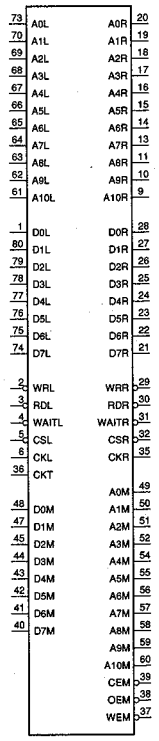
A0L - A10L	; ADDRESS BUS OF PORT L
A0R - A10R	; ADDRESS BUS OF PORT R
CKL	; CLOCK OF PORT L
CKR	; CLOCK OF PORT R
CKT	; CLOCK
CSL	; CHIP SELECT OF PORT L
CSR	; CHIP SELECT OF PORT R
RDL	; READ STROBE OF PORT L
RDR	; READ STROBE OF PORT R
WRL	; WRITE STROBE OF PORT L
WRR	; WRITE STROBE OF PORT R

OUTPUT

A0M - A10M	; ADDRESS BUS FOR MEMORY DEVICE
CEM	; CHIP ENABLE FOR MEMORY DEVICE
OEM	; OUTPUT ENABLE FOR MEMORY DEVICE
WAITL	; WAIT OF PORT L
WAITR	; WAIT OF PORT R
WEM	; WRITE ENABLE FOR MEMORY DEVICE

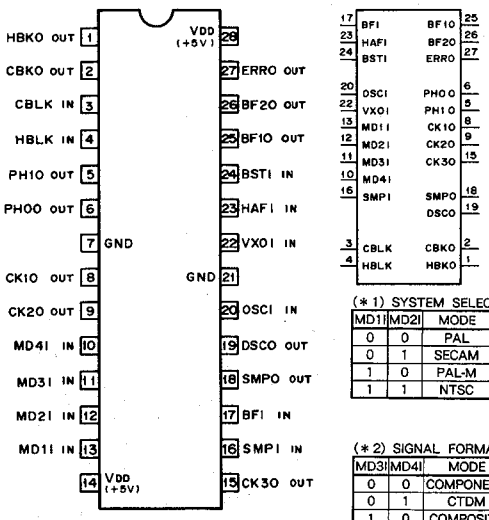
INPUT/OUTPUT

D0L - D7L	; DATA BUS OF PORT L
D0M - D7M	; DATA BUS FOR MEMORY DEVICE
D0R - D7R	; DATA BUS OF PORT R



CXD8243AM (SONY)FLAT PACKAGE
CXD8243AM-ER

C-MOS DIGITAL YC SEPARATOR/DECODER/CTDM CLOCK GENERATOR
– TOP VIEW –



(*1) SYSTEM SELECT

MD1I	MD2I	MODE
0	0	PAL
0	1	SECAM
1	0	PAL-M
1	1	NTSC

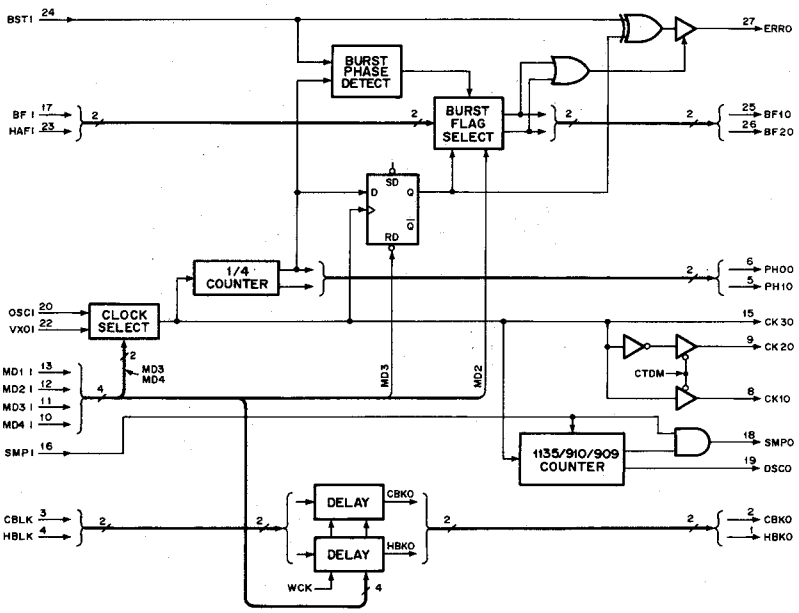
(*2) SIGNAL FORMAT SELECT

MD3I	MD4I	MODE
0	0	COMPONENT
0	1	CTDM
1	0	COMPOSITE
1	1	S-VIDEO

0 : LOW LEVEL
1 : HIGH LEVEL

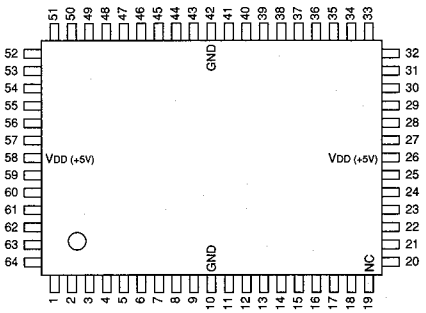
INPUT
BFI ; BURST FLAG
BSTI ; BURST FOR PHASE COMPARISON
CBLK ; CHROMA BLANKING PULSE
HAFI ; TRIGGER PULSE FOR BURST SAMPLING
HBLK ; H BLANKING PULSE
MD1, 2I ; SYSTEM SELECT (*1)
MD3, 4I ; SIGNAL FORMAT SELECT (*2)
OSCI ; H LOCK LOOP VCO
SMPI ; TRAPEZOID SAMPLING PULSE OF THE H LOCK LOOP
VXOI ; BURST LOCK LOOP VCXO

OUTPUT
BF1, 2O ; BURST FLAG
CBKO ; CHROMA BLANKING PULSE
CK1 – 3O ; CLOCK, SELECTED BY MODE
DSCO ; TRAPEZOID GENERATOR DISCHARGE PULSE
ERRO ; BURST PHASE COMPARISON ERROR
HBKO ; H BLANKING PULSE
PH0O ; 2FSC
PH1O ; FSC
SMPO ; TRAPEZOID SAMPLING PULSE OF THE H LOCK LOOP



CXD8277Q (SONY)

C-MOS DIGITAL AUDIO (AES/EBU) ENCODER
—TOP VIEW—

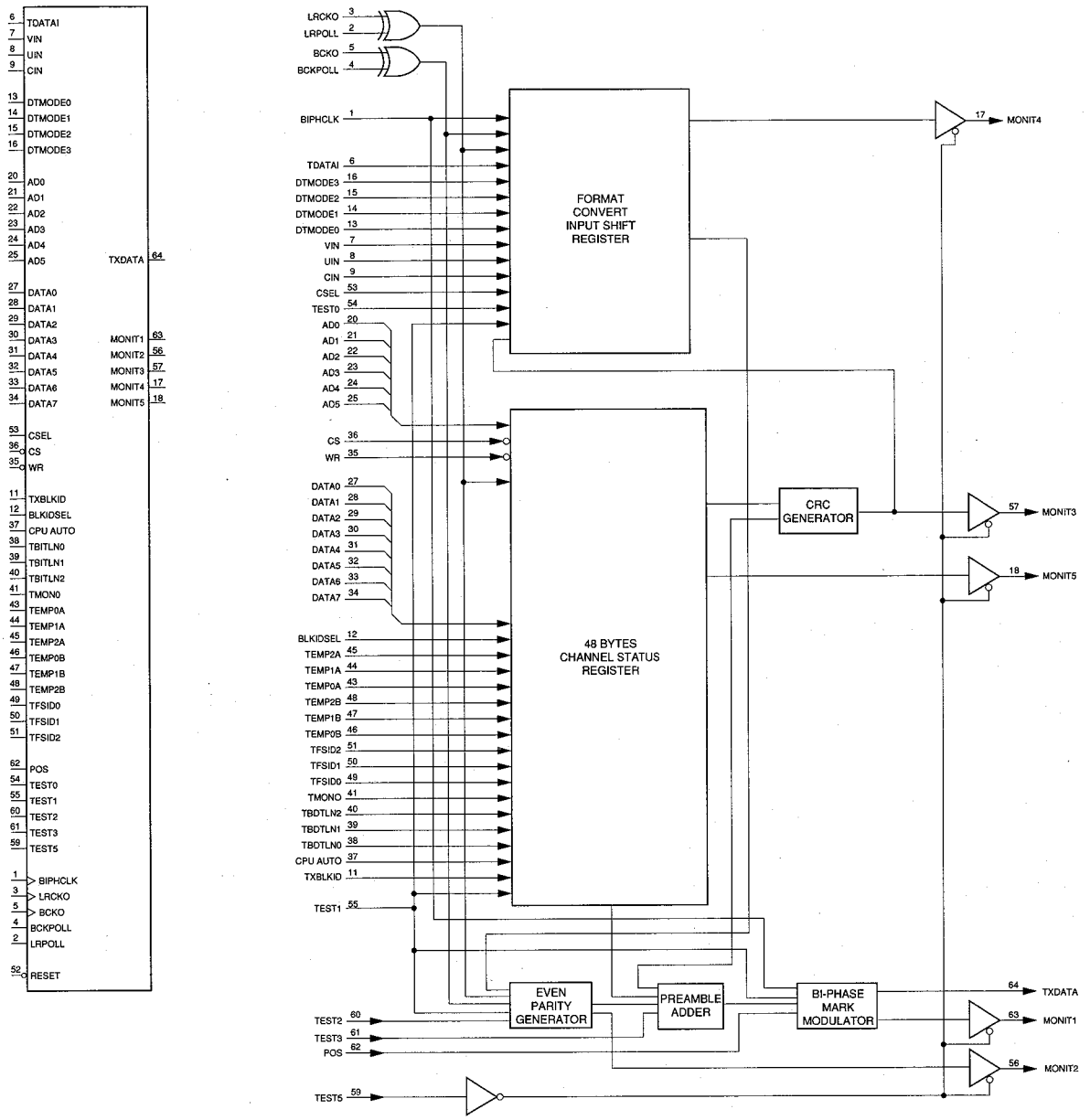


(VDD = +5V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	BIPHCLK	17	O	MONIT4	33	I	DATA6	49	I	TFSID0
2	I	LRPOLL	18	O	MONIT5	34	I	DATA7	50	I	TFSID1
3	I	LRCKO	19	—	NC	35	I	$\overline{WR}$	51	I	TFSID2
4	I	BCKPOLL	20	I	AD0	36	I	$\overline{CS}$	52	I	$\overline{RESET}$
5	I	BCKO	21	I	AD1	37	I	CPU AUTO	53	I	CSEL
6	I	TDATAI	22	I	AD2	38	I	TBITLN0	54	I	TEST0
7	I	VIN	23	I	AD3	39	I	TBITLN1	55	I	TEST1
8	I	UIN	24	I	AD4	40	I	TBITLN2	56	O	MONIT2
9	I	CIN	25	I	AD5	41	I	TMONO	57	O	MONIT3
10	—	GND	26	—	VDD	42	—	GND	58	—	VDD
11	I	TxBLKID	27	I	DATA0	43	I	TEMP0A	59	I	TEST5
12	I	BLKIDSEL	28	I	DATA1	44	I	TEMP1A	60	I	TEST2
13	I	DTMODE0	29	I	DATA2	45	I	TEMP2A	61	I	TEST3
14	I	DTMODE1	30	I	DATA3	46	I	TEMP0B	62	I	POS
15	I	DTMODE2	31	I	DATA4	47	I	TEMP1B	63	O	MONIT1
16	I	DTMODE3	32	I	DATA5	48	I	TEMP2B	64	O	TxDATA

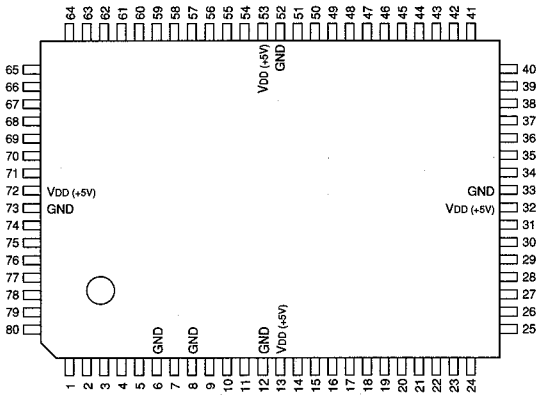
INPUT
AD0-AD5 ; ADDRESS BUS FOR WRITING CHANNEL STATUS DATA FROM EXTERNAL CPU TO CHANNEL STATUS RESISTER
BCKO ; BIT CLOCK (64Fs, 32Fs) FOR TDATAI
BCKPOLL ; POLARITY SWITCHING OF BCKO (PIN No.5)
BIPHCLK ; 128Fs FOR DO OUTPUT
BLKIDSEL ; BLOCK ID EXTERNAL/INTERNAL SELECTION ("H" : INTERNAL MODE)
CIN ; SERIAL INPUT OF EACH SUB FRAME CHANNEL STATUS
CPU AUTO ; SWITCHING SIGNAL OF CPU AND AUTO MODE ("H" : AUTO MODE)
$\overline{CS}$; CHIP SELECT SIGNAL FROM EXTERNAL CPU TO CHANNEL STATUS RESISTER ("L" : SELECT, "H" : UNSELECT)
CSEL ; SELECTS THE USE OF CIN (EXTERNAL INPUT) OR INTERNAL RESISTER FOR CHANNEL STATUS DATA. ("H" : INTERNAL RESISTER)
DATA0-DATA7 ; DATA BUS FOR WRITING CHANNEL STATUS DATA FROM EXTERNAL CPU TO CHANNEL STATUS RESISTER
DTMODE0-3 ; DECISION OF DIGITAL AUDIO SIGNAL INPUT FORMAT
LRCKO ; L/R CLOCK FOR DIGITAL AUDIO SIGNAL OUTPUT
LRPOLL ; POLARITY SWITCHING OF LRCKO (PIN No.3)
POS ; FORCIBLY SETS PREAMBLE TO BE POSITIVE POLARITY ("H" : ACTIVE)
$\overline{RESET}$; SETS TxDATA OUTPUT (AUDIO DATA, AND VALIDITY BIT, USER DATA AND CHANNEL STATUS DATA) TO BE "0". ("L" : ACTIVE)
TBITLN0-2 ; SUBFRAME A/B CHANNEL STATUS SETTING (DATA BIT LENGTH)
TDATAI ; DIGITAL AUDIO SIGNAL INPUT
TEMP0A-2A ; SUBFRAME A EMP INFORMATION
TEMP0B-2B ; SUBFRAME B EMP INFORMATION
TEST0 ; TEST RESET (CONNECTION TO GND)
TEST1 ; TEST RESET (CONNECTION TO GND)
TEST2 ; TEST
TEST3 ; TEST
TEST5 ; CONTROL SIGNAL OF MONIT1 TO 5
TFSID0-2 ; SUBFRAME A/B Fs INFORMATION
TMONO ; SUBFRAME A/B CHANNEL STATUS SETTING (MONOPHONIC/TWO CHANNEL MODE)
TxBLKID ; EXTERNAL BLOCK ID SIGNAL
UNI ; SERIAL INPUT OF EACH SUB FRAME USER DATA
VIN ; SERIAL INPUT OF EACH SUB FRAME VALIDITY BIT
$\overline{WR}$; CHANNEL STATUS DATA WRITING FROM EXTERNAL CPU TO CHANNELSTATUS RESISTER

OUTPUT
MONIT1-5 ; MONITOR
TxDATA ; AES/EBU FORMAT DIGITAL AUDIO OUTPUT

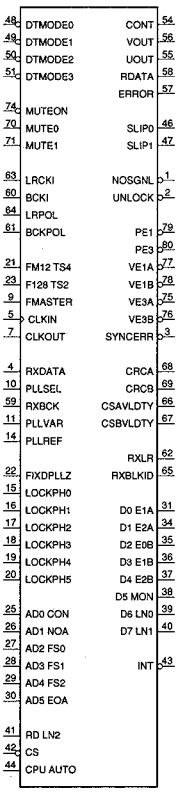

6 TDATAI
7 VIN
8 UIN
9 CIN
13 DTMODE0
14 DTMODE1
15 DTMODE2
16 DTMODE3
20 AD0
21 AD1
22 AD2
23 AD3
24 AD4
25 AD5
27 DATA0
28 DATA1
29 DATA2
30 DATA3
31 DATA4
32 DATA5
33 DATA6
34 DATA7
53 CSEL
36 CS
35 WR
11 TXBLKID
12 BLKIDSEL
37 CPU AUTO
38 TBITLN0
39 TBITLN1
40 TBITLN2
41 TMON0
43 TEMP0A
44 TEMP1A
45 TEMP2A
46 TEMP0B
47 TEMP1B
48 TEMP2B
49 TFSID0
50 TFSID1
51 TFSID2
62 POS
54 TEST0
55 TEST1
60 TEST2
61 TEST3
59 TEST5
1 BIPHCLK
3 LRCKO
5 BCKO
4 BCKPOLL
2 LRPOLL
52 RESET
TXDATA 64
MONIT1 63
MONIT2 56
MONIT3 57
MONIT4 17
MONIT5 18
LRCKO 3
LRPOLL 2
BCKO 5
BCKPOLL 4
BIPHCLK 1
FORMAT CONVERT INPUT SHIFT REGISTER
48 BYTES CHANNEL STATUS REGISTER
CRC GENERATOR
EVEN PARITY GENERATOR
PREAMBLE ADDER
BI-PHASE MARK MODULATOR
17 MONIT4
57 MONIT3
18 MONIT5
64 TXDATA
63 MONIT1
56 MONIT2

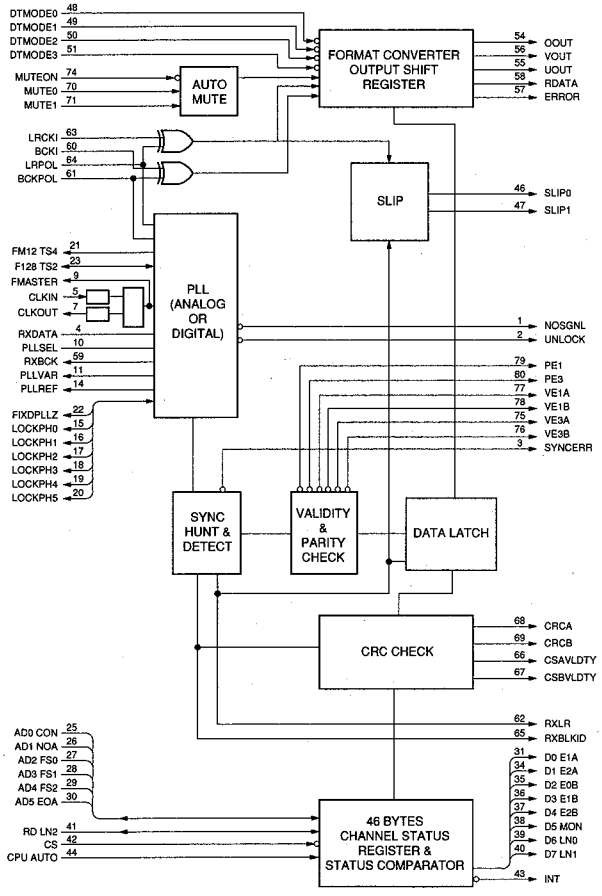
CXD8278AQ (SONY)

C-MOS DIGITAL AUDIO SIGNAL (AES/EBU) DECODER
—TOP VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	NOSGNL	21	I/O	FM12 TS4	41	I/O	RD LN2	61	I	BCKPOL
2	O	UNLOCK	22	I/O	FIXDPLLZ	42	I	CS	62	O	RXLR
3	O	SYNCERR	23	I/O	F128 TS2	43	O	INT	63	I	LRCKI
4	I	RXDATA	24	I	TST3	44	I	CPU AUTO	64	I	LRPOL
5	I	CLKIN	25	I/O	AD0 CON	45	I	TST1	65	O	RXBLKID
6	—	GND	26	I/O	AD1 NOA	46	O	SLIP0	66	O	CSAVLDTY
7	O	CLKOUT	27	I/O	AD2 FS0	47	O	SLIP1	67	O	CSBVLDTY
8	—	GND	28	I/O	AD3 FS1	48	I	DTMODE0	68	O	CRCA
9	O	FMASTER	29	I/O	AD4 FS2	49	I	DTMODE1	69	O	CRCB
10	I	PLLSEL	30	I/O	AD5 EOA	50	I	DTMODE2	70	I	MUTE0
11	O	PLLVAR	31	O	D0 E1A	51	I	DTMODE3	71	I	MUTE1
12	—	GND	32	—	VDD	52	—	GND	72	—	VDD
13	—	VDD	33	—	GND	53	—	VDD	73	—	GND
14	O	PLLREF	34	O	D1 E2A	54	O	COUT	74	I	MUTEON
15	I/O	LOCKPH0	35	O	D2 E0B	55	O	UOUT	75	O	VE3A
16	I/O	LOCKPH1	36	O	D3 E1B	56	O	VOUT	76	O	VE3B
17	I/O	LOCKPH2	37	O	D4 E2B	57	O	ERROR	77	O	VE1A
18	I/O	LOCKPH3	38	O	D5 MON	58	O	RDATA	78	O	VE1B
19	I/O	LOCKPH4	39	O	D6 LN0	59	O	RXBCK	79	O	PE1
20	I/O	LOCKPH5	40	O	D7 LN1	60	I	BCKI	80	O	PE3





INPUT

BCKI	;	REFERENCE BIT CLOCK (64/32Fs)
BCKPOL	;	POLARITY SWITCHING SIGNAL OF BCKI (PIN NO.60) AND RXBCK (PIN NO.59)
CLKIN	;	MASTER CLOCK OSCILLATOR INPUT AT DIGITAL PLL
CPU AUTO	;	SELECTS CPU INTERFACE OR AUTO INTERFACE. ("H" : AUTO INTERFACE, "L" : CPU INTERFACE)
CS	;	CHIP SELECT SIGNAL (INPUT FOR CHANNEL STATUS REGISTER) ("L" : SELECT)
DTMODE0-3	;	OUTPUT FORMAT SPECIFYING CODE OF RDATA SIGNAL (PIN NO.58)
LRCKI	;	REFERENCE L/R CLOCK INPUT (Fs PERIOD)
LRPOL	;	POLARITY SWITCHING SIGNAL OF LRCKI (PIN NO.63) AND RXLR (PIN NO.62)
MUTE0, 1	;	RDATA (PIN NO.58) MUTE PERIOD SETTING CODE
MUTEON	;	"L" : AUDIO OUTPUT BE FORCIBLY MUTE ON FOR A CERTAIN PERIOD
PLLSEL	;	"L" : ANALOG PLL. "H" : DIGITAL PLL
RXDATA	;	AES/EBU INPUT
TST1	;	TEST INPUT (NORMALLY FIXED TO "L")
TST3	;	TEST PIN (FIXED TO "L")

OUTPUT

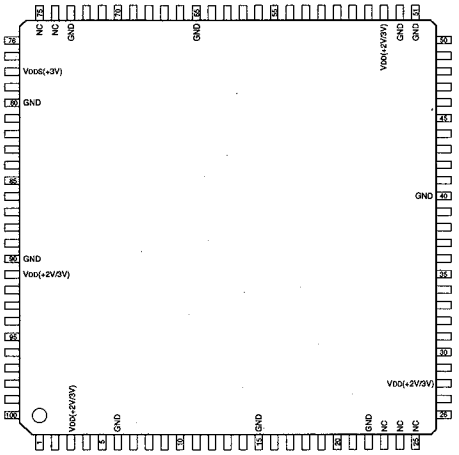
CLKOUT	;	MASTER CLOCK OSCILLATOR OUTPUT AT DIGITAL PLL
COUT	;	C BIT STATUS SIGNAL EXTRACTED FROM AES/EBU INPUT SIGNAL.
CRCA, CRCB	;	OUTPUTS THE RESULT OF CHANNEL STATUS CRC CHECK OF SUBFRAME A AND B AT ERROR OCCURRING
CSAVLDTY, CSBVLDTY	;	SUBFRAME A AND B CHANNEL STATUS
D0 E1A	;	SUBFRAME A CHANNEL STATUS (CPU AUTO : "H")
D1 E2A	;	SUBFRAME A CHANNEL STATUS (CPU AUTO : "H")
D2 E0B	;	SUBFRAME B CHANNEL STATUS (CPU AUTO : "H")
D3 E1B	;	SUBFRAME B CHANNEL STATUS (CPU AUTO : "H")
D4 E2B	;	SUBFRAME B CHANNEL STATUS (CPU AUTO : "H")
D5 MON	;	SUBFRAME A CHANNEL STATUS (CPU AUTO : "H")
D6 LN0	;	SUBFRAME A/B CHANNEL STATUS (CPU AUTO : "H")
D7 LN1	;	SUBFRAME A/B CHANNEL STATUS (CPU AUTO : "H")
ERROR	;	ERROR INFORMATION OUTPUT (PARITY, SLIP ERROR , etc.) IN SERIAL
FMASTER	;	MASTER CLOCK OUTPUT
INT	;	INTERRUPTION SIGNAL OUTPUT
NOSGNL	;	NO SIGNAL DETECTION
PE1	;	PARITY ERROR DETECTION OUTPUT (1 SUBFRAM)
PE3	;	PARITY ERROR DETECTION OUTPUT (3 SUBFRAMS CONTINUOUSLY)
PLLREF	;	RXDATA SYNC DETECTION
PLLVAR	;	ANALOG PLL MASTER CLOCK 1/256 (2Fs) SIGNAL
RDATA	;	AES/EBU INPUT SIGNAL DEMODULATED SIGNAL OUTPUT
RXBCK	;	BIT CLOCK OUTPUT GENERATED FROM AES/EBU INPUT SIGNAL
RXBLKID	;	BLOCK ID SIGNAL
RXLR	;	REFERENCE L/R CLOCK OUTPUT (Fs PERIOD)
SLIP0, SLIP1	;	DATA SLIP DETECTION
SYNCERR	;	SYNC ERROR DETECTION OUTPUT.
UNLOCK	;	DIGITAL PLL UNLOCK DETECTION OUTPUT.
UOUT	;	U BIT (USER DATA BIT) STATUS SIGNAL EXTRACTED FROM RXDATA SIGNAL
VE1A	;	VALIDITY ERROR DETECTION OUTPUT (ONE SUBFRAM A).
VE1B	;	VALIDITY ERROR DETECTION OUTPUT (ONE SUBFRAM B).
VE3A	;	VALIDITY ERROR DETECTION OUTPUT (3FRAMS CONTINUOUSLY FOR SUBFRAM A)
VE3B	;	VALIDITY ERROR DETECTION OUTPUT (3FRAMS CONTINUOUSLY FOR SUBFRAM B)
VOUT	;	V BIT (VALIDITY BIT) STATUS SIGNAL EXTRACTED FROM RXDATA SIGNAL

INPUT/OUTPUT

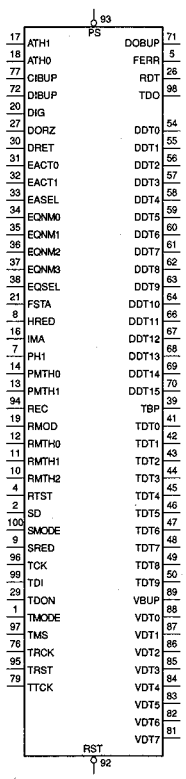
AD0 CON	;	CHANNEL STATUS (CPU AUTO : "H")
AD1 NOA	;	CHANNEL STATUS (CPU AUTO : "H")
AD2 FS0	;	CHANNEL STATUS (CPU AUTO : "H")
AD3 FS1	;	CHANNEL STATUS (CPU AUTO : "H")
AD4 FS2	;	CHANNEL STATUS (CPU AUTO : "H")
AD5 EOA	;	SUBFRAME A CHANNEL STATUS (CPU AUTO : "H")
F128 TS2	;	OUTPUTS 128Fs OF DIGITAL PLL.
FIXDPLL	;	PLLSEL : "H", DIGITAL PLL OPERATION MODE SELECTION SIGNAL ("N" : NARROW MODE, "H" : WIDE MODE)
FM12 TS4	;	1/2 MCK OUTPUT
LOCKPH0-5	;	PLLSEL : "H", FIXDPLL : "H" OPERATION PERIOD SETTING DATA INPUT AT NARROW MODE (DIGITAL PLL MODE)
RD LN2	;	SUBFRAME A/B CHANNEL STATUS (CPU AUTO : "H")

CXD8608R (SONY)

C-MOS DIGITAL ENCODE/DECODE
-TOP VIEW-



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	TMODE	35	I	EQNM1	69	I/O	DDT14
2	I	SD	36	I	EQNM2	70	I/O	DDT15
3	—	VDD(+2V/3V)	37	I	EQNM3	71	O	DOBUP
4	I	RTST	38	I	EQSEL	72	I	DIBUP
5	O	FERR	39	I/O	TBP	73	—	GND
6	—	GND	40	—	GND	74	—	NC
7	I	PH1	41	I/O	TDT0	75	—	NC
8	I	HRED	42	I/O	TDT1	76	I	TRCK
9	I	SRED	43	I/O	TDT2	77	I	DIBUP
10	I	RMTH2	44	I/O	TDT3	78	—	VDD5(+3V)
11	I	RMTH1	45	I/O	TDT4	79	I	TTCK
12	I	RMTH0	46	I/O	TDT5	80	—	GND
13	I	PMTH1	47	I/O	TDT6	81	I/O	VDT7
14	I	PMTH0	48	I/O	TDT7	82	I/O	VDT6
15	—	GND	49	I/O	TDT8	83	I/O	VDT5
16	I	IMA	50	I/O	TDT9	84	I/O	VDT4
17	I	ATH1	51	—	GND	85	I/O	VDT3
18	I	ATH0	52	—	GND	86	I/O	VDT2
19	I	RMOD	53	—	VDD(+2V/3V)	87	I/O	VDT1
20	I	DIG	54	I/O	DDT0	88	I/O	VDT0
21	I	FSTA	55	I/O	DDT1	89	I/O	VBUP
22	—	GND	56	I/O	DDT2	90	—	GND
23	—	NC	57	I/O	DDT3	91	—	VDD(+2V/3V)
24	—	NC	58	I/O	DDT4	92	I	RST
25	—	NC	59	I/O	DDT5	93	I	PS
26	O	RDT	60	I/O	DDT6	94	I	REC
27	I	DORZ	61	I/O	DDT7	95	I	TRST
28	—	VDD(+2V/3V)	62	I/O	DDT8	96	I	TCK
29	I	TDON	63	I/O	DDT9	97	I	TMS
30	I	DRET	64	I/O	DDT10	98	O	TDO
31	I	EACT0	65	—	GND	99	I	TDI
32	I	EACT1	66	I/O	DDT11	100	I	SMODE
33	I	EASEL	67	I/O	DDT12			
34	I	EQNM0	68	I/O	DDT13			



INPUT

ATH1, ATH0	; ACTIVITY THRESHOLD
CIBUP	; PB BUP
DIBUP	; BUP
DIG	; DIGEST MODE
DORZ	; TEST DATA SELECT
DRET	; DCT RETURN
EACT0, EACT1	; EXTERNAL ACTIVITY
EASEL	; EXTERNAL ACTIVITY ENABLE
EQNM0 ± EQNM3	;EXTERNAL Q-NUMBER
EQSEL	; EXTERNAL Q-NUMBER ENABLE
FSTA	;3-PASS CUT MODE
HRED	; RED DETECT (HD)
IMA	; IMPACT
PH1	; PHASE-1 COMPATIBLE MODE
PMTH0, PMTH1	; PB MOTION THRESHOLD
PS	; POWER SAVE
REC	; REC/PB SELECT (H: REC, L: PB)
RMOD	; ROUND MODE
RMTH0 ± RMTH2	; REC MOTION THRESHOLD
RST	; SYSTEM RESET
RTST	; RAM TEST
SD	; MODE SETTING
SMODE	; FOR TEST
SRED	; RED DETECT (SD)
TCK	; JTAG CLOCK
TDI	; JTAG DATA
TDON	; TEST DATA OUTPUT ON
TMODE	; FOR TEST
TMS	; JTAG MODE SET
TRCK	; CLOCK (18MHz)
TRST	; JTAG RESET
TTCK	; CLOCK (HD: 24MHz, SD: 18MHz)

OUTPUT

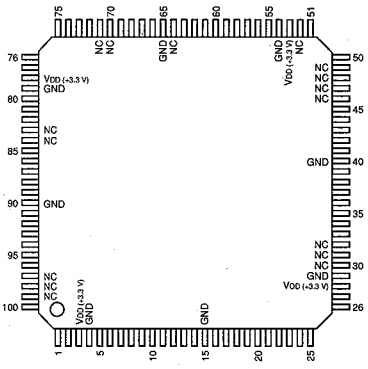
DOBUP	; BUP
FERR	; FRAMING ERROR
RDT	; RED DETECT FLAG
TDO	; JTAG DATA

INPUT/OUTPUT

DDT0 ± DDT15	; DATA (D1/SFY SIDE)
TBP	; TEST DATA BUP
TDT0 ± TDT9	; TEST DATA
VBUP	; BUP (V1 SIDE)
VDT0 ± VDT7	; DATA (V1 SIDE)

CXD8969AR (SONY)

C-MOS SDDI INTERFACE (GATE ARRAY)
- TOP VIEW -



(VDD = +3.3 V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	REFF	21	I	CADRS4	41	O	DOUT5	61	I	APDEP2	81	I	SOPMD
2	I	RST	22	I	CADRS5	42	O	DOUT6	62	O	ADEN2	82	I	CIFMD
3	—	VDD	23	I	CADRS6	43	O	DOUT7	63	O	AINT2	83	—	NC
4	—	GND	24	I	CADRS7	44	O	DOUT8	64	—	NC	84	—	NC
5	I/O	SYSIO0	25	O	SYSF	45	O	DOUT9	65	—	GND	85	I	DIN0
6	I/O	SYSIO1	26	O	SYSH	46	—	NC	66	O	SUOP1	86	I	DIN1
7	I/O	SYSIO2	27	O	SYSV	47	—	NC	67	O	SUOP0	87	I	DIN2
8	I/O	SYSIO3	28	—	VDD	48	—	NC	68	I	SUIP1	88	I	DIN3
9	I/O	SYSIO4	29	—	GND	49	—	NC	69	I	SUIP0	89	I	DIN4
10	I/O	SYSIO5	30	—	NC	50	O	PCERD	70	—	NC	90	—	GND
11	I/O	SYSIO6	31	—	NC	51	O	SWDET	71	—	NC	91	I	DIN5
12	I/O	SYSIO7	32	—	NC	52	—	NC	72	O	TP4	92	I	DIN6
13	I	STAT1	33	I	OENBL	53	—	VDD	73	O	TP3	93	I	DIN7
14	I	CCS	34	O	PRTYO	54	—	GND	74	O	TP2	94	I	DIN8
15	—	GND	35	O	DOUT0	55	I	APDEP0	75	O	TP1	95	I	DIN9
16	I	STAT0	36	O	DOUT1	56	O	ADEN0	76	O	TP0	96	I	PRTYI
17	I	STRB	37	O	DOUT2	57	O	AINT0	77	I	TEST	97	—	NC
18	I	CADRS1	38	O	DOUT3	58	I	APDEP1	78	—	VDD	98	—	NC
19	I	CADRS2	39	O	DOUT4	59	O	ADEN1	79	—	GND	99	—	NC
20	I	CADRS3	40	—	GND	60	O	AINT1	80	I	CK	100	I	REFH

INPUT

APDEP0 - APDEP2	; CH-0, 1, 2 DATA END
CADRS1 - CADRS7	; ADDRESS
CCS	; CHIP SELECT
CIFMD	; CPU I/F MODE SETTING
CK	; SYSTEM CLOCK
DIN0 - DIN9	; PARALLEL DATA
OENBL	; DIN0 - DIN9 OUTPUT ENABLE
PRTYI	; DIN0 - DIN9 PARITY
REFF	; REFERENCE FRAME
REFH	; REFERENCE H
RST	; SYSTEM RESET
SOPMD	; TX/RX MODE SETTING
STAT0, STAT1	; BUS STATUS 0, 1
STRB	; STROBE
SUIP0, SUIP1	; INPUT PORT 0, 1
TEST	; TEST FOR IC (GND CONNECT)

OUTPUT

ADEN0 - ADEN2	; CH-0, 1, 2 DATA ENABLE
AINT0 - AINT2	; CH-0, 1, 2 INTERRUPT
DOUT0 - DOUT9	; PARALLEL DATA
PCERD	; PAYLOAD CRCC ERROR DETECT
PRTYO	; DOUT0 - DOUT9 PARITY
SUOP0, SUOP1	; OUTPUT PORT 0, 1
SWDET	; SWITCHING DETECT
SYSF	; REFERENCE FRAME
SYSH	; REFERENCE H
SYSV	; V BLANKING
TP0 - TP4	; TEST POINT 0 - 4

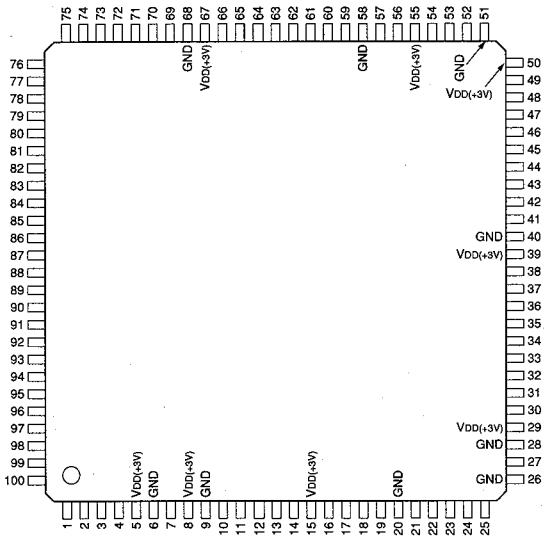
INPUT/OUTPUT

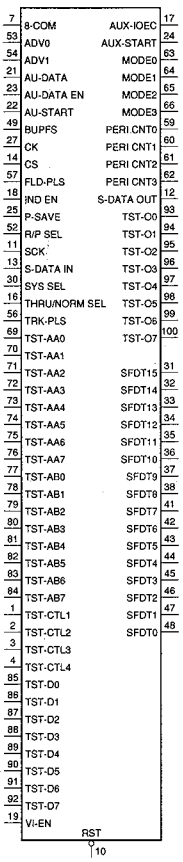
SYSIO0 - SYSIO7	; DATA BUS

CXD8627AR (SONY)

C-MOS VIDEO AUXILIARY DATA READ/WRITE

– TOP VIEW–





PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	TST-CTL1	35	I/O	SFDT11	69	I	TST-AA0
2	I	TST-CTL2	36	I/O	SFDT10	70	I	TST-AA1
3	I	TST-CTL3	37	I/O	SFDT9	71	I	TST-AA2
4	I	TST-CTL4	38	I/O	SFDT8	72	I	TST-AA3
5	—	VDD(+3V)	39	—	VDD(+3V)	73	I	TST-AA4
6	—	GND	40	—	GND	74	I	TST-AA5
7	I	8-B COM	41	I/O	SFDT7	75	I	TST-AA6
8	—	VDD(+3V)	42	I/O	SFDT6	76	I	TST-AA7
9	—	GND	43	I/O	SFDT5	77	I	TST-AB0
10	I	$\overline{RST}$	44	I/O	SFDT4	78	I	TST-AB1
11	I	SCK	45	I/O	SFDT3	79	I	TST-AB2
12	O	S-DATA OUT	46	I/O	SFDT2	80	I	TST-AB3
13	I	S-DATA IN	47	I/O	SFDT1	81	I	TST-AB4
14	I	CS	48	I/O	SFDT0	82	I	TST-AB5
15	—	VDD(+3V)	49	I	BUPFS	83	I	TST-AB6
16	I	THRU/NORM SEL	50	—	VDD(+3V)	84	I	TST-AB7
17	O	AUX-IOEC	51	—	GND	85	I	TST-D0
18	I	IND EN	52	I	R/P SEL	86	I	TST-D1
19	I	VI-EN	53	I	ADV0	87	I	TST-D2
20	—	GND	54	I	ADV1	88	I	TST-D3
21	I	AU-DATA	55	—	VDD(+3V)	89	I	TST-D4
22	I	AU-START	56	I	TRK-PLS	90	I	TST-D5
23	I	AU-DATA EN	57	I	FLD-PLS	91	I	TST-D6
24	O	AUX-START	58	—	GND	92	I	TST-D7
25	I	P-SAVE	59	O	PERI CNT0	93	O	TST-O0
26	—	GND	60	O	PERI CNT1	94	O	TST-O1
27	I	CK	61	O	PERI CNT2	95	O	TST-O2
28	—	GND	62	O	PERI CNT3	96	O	TST-O3
29	—	VDD(+3V)	63	O	MODE0	97	O	TST-O4
30	I	SYS SEL	64	O	MODE1	98	O	TST-O5
31	I/O	SFDT15	65	O	MODE2	99	O	TST-O6
32	I/O	SFDT14	66	O	MODE3	100	O	TST-O7
33	I/O	SFDT13	67	—	VDD(+3V)			
34	I/O	SFDT12	68	—	GND			

INPUT

8-B COM	; H : 8-BYTE COM, L : NORMAL
ADV0, ADV1	; OUTPUT TIMING ADVANCE CONTROL
AU-DATA	; AUDIO SERIAL DATA
AU-DATA EN	; AUDIO SERIAL DATA ENABLE
AU-START	; AUDIO START
BUPFS	; FDF DATA TIMING
CK	; MAIN CLOCK (18.1MHz)
CS	; CHIP SELECT
FLD-PLS	; FIELD REFERENCE PULSE
IND EN	; INDI AUDIO ENABLE
P-SAVE	; POWER SAVE (H : POWER SAVE)
R/P SEL	; REC/PB SEL (H : REC, L : PB)
$\overline{RST}$	; SYSTEM RESET
SCK	; SERIAL COMMUNICATION CLOCK
S-DATA IN	; SERIAL COMMUNICATION DATA
SYS SEL	; SYSTEM SELECT (H : PAL, L : NTSC)
THRU/NORM SEL	; THROUGH/NORMAL SELECT (H : THROUGH, L : NORMAL)
TRK-PLS	; TRACK REFERENCE PULSE
TST-AA0 - TST-AA7	; FOR TEST
TST-AB - TST-AB7	; FOR TEST
TST-CTL1 - TST-CTL4	; FOR TEST
TST-D0 - TST-D7	; FOR TEST
VI-EN	; VIDEO ENABLE

OUTPUT

AUX-IOEC	; I/O ENABLE CONTROL
AUX-START	; AUXILIARY START
MODE0 - MODE3	; MODE COMMAND
PERI CNT0 - PERI CNT3	; PERIPHERAL IC CONTROL COMMAND
S-DATA OUT	; SERIAL COMMUNICATION DATA
TST-O0 - TST-O7	; FOR TEST

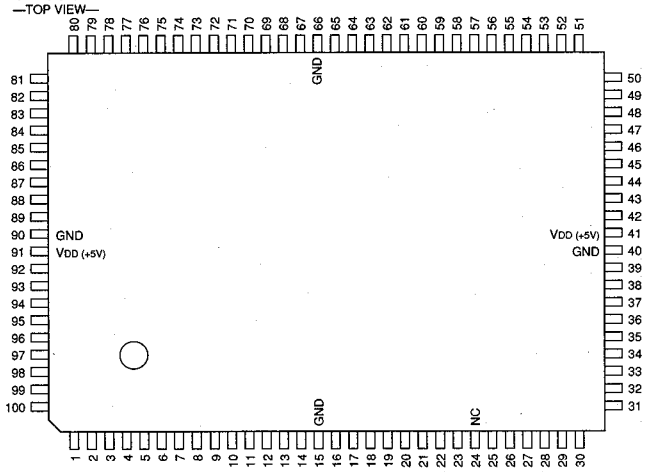
INPUT/OUTPUT

SFDT15 - SFDT0	; SYF/FDF DATA BUS

CXD8804Q (SONY)

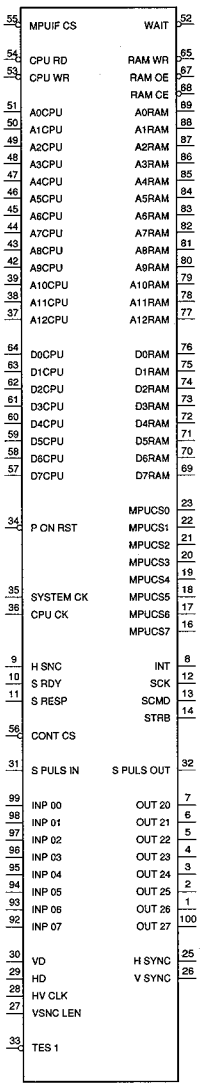
C-MOS 8-MPU COMMUNICATION CONTROLLER WITH PARALLEL PORT

—TOP VIEW—



(VDD = +5V)

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	OUT26	26	O	V SYNC	51	I	A0 CPU	76	I/O	D0 RAM
2	O	OUT25	27	I	VSNC LEN	52	O	WAIT	77	O	A12 RAM
3	O	OUT24	28	I	HV CLK	53	I	CPU WR	78	O	A11 RAM
4	O	OUT23	29	I	HD	54	I	CPU RD	79	O	A10 RAM
5	O	OUT22	30	I	VD	55	I	MPUIF CS	80	O	A9 RAM
6	O	OUT21	31	I	S PULS IN	56	I	CONT CS	81	O	A8 RAM
7	O	OUT20	32	O	S PULS OUT	57	I/O	D7 CPU	82	O	A7 RAM
8	O	INT	33	I	TES 1	58	I/O	D6 CPU	83	O	A6 RAM
9	I	H SNC	34	I	P ON RST	59	I/O	D5 CPU	84	O	A5 RAM
10	I	S RDY	35	I	SYSTEM CK	60	I/O	D4 CPU	85	O	A4 RAM
11	I	S RESP	36	I	CPU CK	61	I/O	D3 CPU	86	O	A3 RAM
12	O	SCK	37	I	A12 CPU	62	I/O	D2 CPU	87	O	A2 RAM
13	O	SCMD	38	I	A11 CPU	63	I/O	D1 CPU	88	O	A1 RAM
14	O	STRB	39	I	A10 CPU	64	I/O	D0 CPU	89	O	A0 RAM
15	—	GND	40	—	GND	65	O	RAM WR	90	—	GND
16	O	MPUCS7	41	—	VDD	66	—	GND	91	—	VDD
17	O	MPUCS6	42	I	A9 CPU	67	O	RAM OE	92	I	INP 07
18	O	MPUCS5	43	I	A8 CPU	68	O	RAMCE	93	I	INP 06
19	O	MPUCS4	44	I	A7 CPU	69	I/O	D7 RAM	94	I	INP 05
20	O	MPUCS3	45	I	A6 CPU	70	I/O	D6 RAM	95	I	INP 04
21	O	MPUCS2	46	I	A5 CPU	71	I/O	D5 RAM	96	I	INP 03
22	O	MPUCS1	47	I	A4 CPU	72	I/O	D4 RAM	97	I	INP 02
23	O	MPUCS0	48	I	A3 CPU	73	I/O	D3 RAM	98	I	INP 01
24	—	N.C	49	I	A2 CPU	74	I/O	D2 RAM	99	I	INP 00
25	O	H SYNC	50	I	A1 CPU	75	I/O	D1 RAM	100	O	OUT 27



INPUT

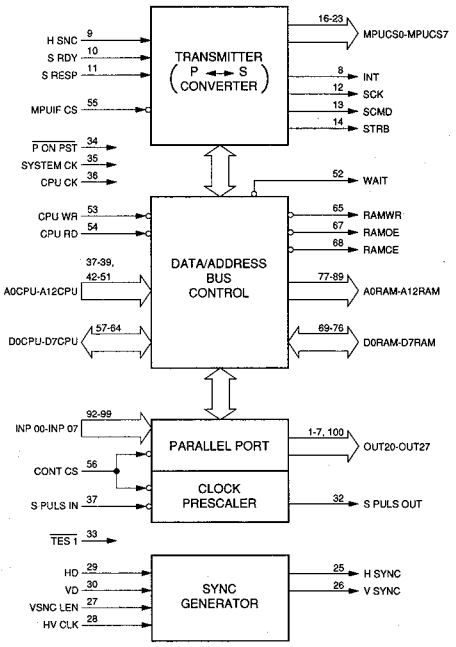
A0CPU-A12CPU	; CPU ADDRESS BUS
CONT CS	; INTERNAL/PARALLEL PORT
CPU CK	; CPU CLOCK
CPU RD	; CPU READ STROBE
CPU WR	; CPU WRITE STROBE
HD	; VIDEO HORIZONTAL SYNCHRONIZING PULSE
H SNC	; SERIAL RECEIVE WAIT
HV CLK	; VIDEO VERTICAL SAMPLING PULSE (13.5 MHz)
INP 00-07	; PARALLEL PORT
MPUIF CS	; EXTERNAL RAM CHIP SELECT
P ON RST	; POWER IN RESET (L)
S PULS	; MEDIOCRITY CLOCK PULSE
S RDY	; SERIAL TRANSMISSION LEADY
S RESP	; SERIAL RECEIVE DATA
SYSTEM CK	; SYSTEM CLOCK
TES 1	; TEST (L)
VD	; VIDEO VERTICAL SYNCHRONIZING PULSE
VSNC LEN	; VIDEO VERTICAL SYNCHRONIZING PULSE OUTPUT WIDTH CONTROL

OUTPUT

A0RAM-A12RAM	; EXTERNAL RAM ADDRESS BUS
H SYNC	; VIDEO HORIZONTAL SYNCHRONIZING PULSE
INT	; SERIAL RECEIVE END
MPUCS0-MPUCS7	; SERIAL CORRESPONDENCE ENABLE
OUT 20-27	; PARALLEL PORT
RAM CE	; EXTERNAL RAM CHIP SELECT
RAM OE	; EXTERNAL RAM OUTPUT ENABLE
RAM WR	; EXTERNAL RAM WRITE STROBE
SCK	; SERIAL CORRESPONDENCE CLOCK
SCMD	; SERIAL TRANSMISSION DATA
S PULS	; MEDIOCRITY CLOCK PULSE FREQUENCY (1/2-1/27)
STRB	; SERIAL TRANSMISSION STROBE
V SYNC	; VIDEO VERTICAL SYNCHRONIZING PULSE
WAIT	; CPU WAIT

INPUT/OUTPUT

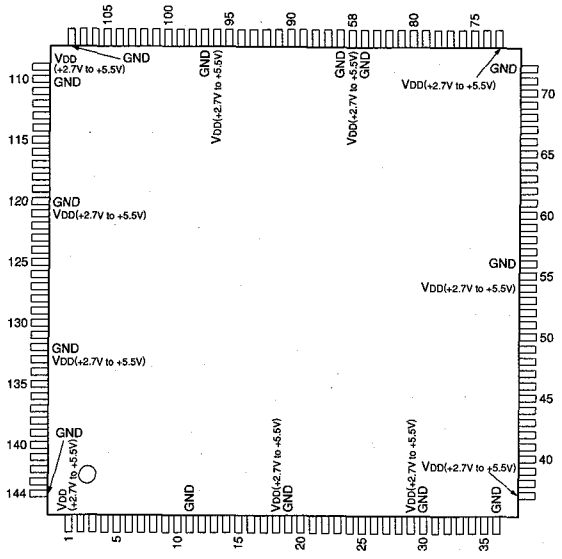
D0CPU-D7CPU	; CPU DATA BUS
D0RAM-D7RAM	; EXTERNAL RAM DATA BUS



CXD8628AR (SONY)

VIDEO SIGNAL PROCESSOR

-TOP VIEW-

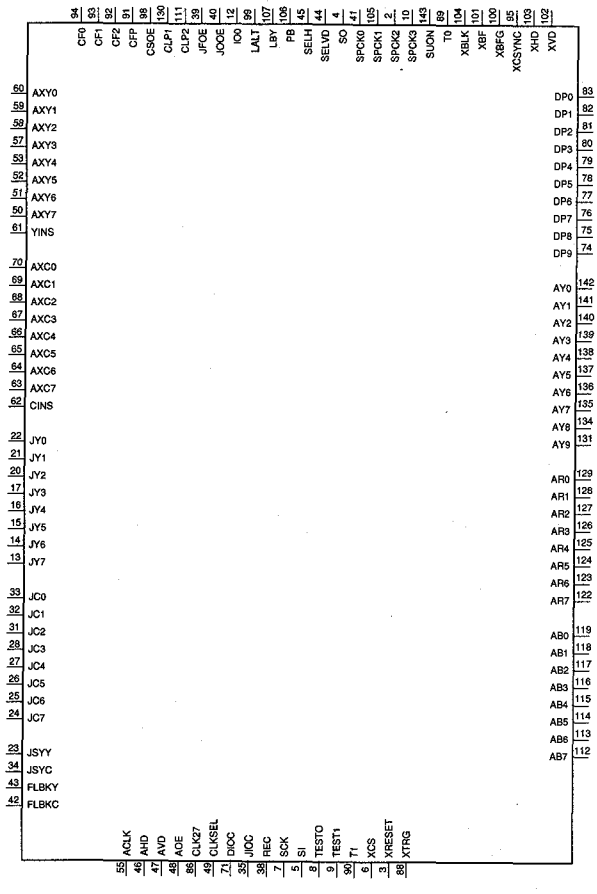


REC	AY0 - AY9	AB0 - AB7	AR0 - AR7	JSYY	JSYC
1	INPUT	INPUT	INPUT	OUTPUT	OUTPUT
0	OUTPUT	OUTPUT	OUTPUT	INPUT	INPUT

DIOC	DP0 - DP9
1	OUTPUT
0	INPUT

REC	JIOC	JY0 - JY7	JC0 - JC7
1	1	OUTPUT	OUTPUT
1	0	INPUT	INPUT
0	1		
0	0		

1 ; HIGH LEVEL
0 ; LOW LEVEL



(VDD = +2.7V to +5.5V)

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	VDD	37	—	VDD	73	—	VDD	109	—	VDD
2	O	SPCK2	38	I	REC	74	I/O	DP9	110	—	GND
3	I	XRESET	39	O	JFOE	75	I/O	DP8	111	O	CLP2
4	O	SO	40	O	JOOE	76	I/O	DP7	112	I/O	AB7
5	I	SI	41	O	SPCKO	77	I/O	DP6	113	I/O	AB6
6	I	XSC	42	I	FLBKC	78	I/O	DP5	114	I/O	AB5
7	I	SCK	43	I	FLBKY	79	I/O	DP4	115	I/O	AB4
8	I	TESTO	44	O	SELVD	80	I/O	DP3	116	I/O	AB3
9	I	TEST1	45	O	SELH	81	I/O	DP2	117	I/O	AB2
10	O	SPCK3	46	I	AHD	82	I/O	DP1	118	I/O	AB1
11	—	GND	47	I	AVD	83	I/O	DP0	119	I/O	AB0
12	O	IO0	48	I	AOE	84	—	GND	120	—	GND
13	I/O	JY7	49	I	CLKSEL	85	—	VDD	121	—	VDD
14	I/O	JY6	50	I	AXY7	86	I	CLK27	122	I/O	AR7
15	I/O	JY5	51	I	AXY6	87	—	GND	123	I/O	AR6
16	I/O	JY4	52	I	AXY5	88	I	XTRG	124	I/O	AR5
17	I/O	JY3	53	I	AXY4	89	O	T0	125	I/O	AR4
18	—	VDD	54	—	VDD	90	I	T1	126	I/O	AR3
19	—	GND	55	I	ACLK	91	O	CFP	127	I/O	AR2
20	I/O	JY2	56	—	GND	92	O	CF2	128	I/O	AR1
21	I/O	JY1	57	I	AXY3	93	O	CF1	129	I/O	AR0
22	I/O	JY0	58	I	AXY2	94	O	CF0	130	O	CLP1
23	I/O	JSYY	59	I	AXY1	95	O	XCSYNC	131	I/O	AY9
24	I/O	JC7	60	I	AXY0	96	—	VDD	132	—	GND
25	I/O	JC6	61	I	YINS	97	—	GND	133	—	VDD
26	I/O	JC5	62	I	CINS	98	O	CSOE	134	I/O	AY8
27	I/O	JC4	63	I	AXC7	99	O	LALT	135	I/O	AY7
28	I/O	JC3	64	I	AXC6	100	O	XBFG	136	I/O	AY6
29	—	VDD	65	I	AXC5	101	O	XBF	137	I/O	AY5
30	—	GND	66	I	AXC4	102	O	XVD	138	I/O	AY4
31	I/O	JC2	67	I	AXC3	103	O	XHD	139	I/O	AY3
32	I/O	JC1	68	I	AXC2	104	O	XBLK	140	I/O	AY2
33	I/O	JC0	69	I	AXC1	105	O	SPCK1	141	I/O	AY1
34	I/O	JSYC	70	I	AXC0	106	O	PB	142	I/O	AY0
35	I	JIOC	71	I	DIOC	107	O	LBY	143	O	SUON
36	—	GND	72	—	GND	108	—	GND	144	—	GND

INPUT

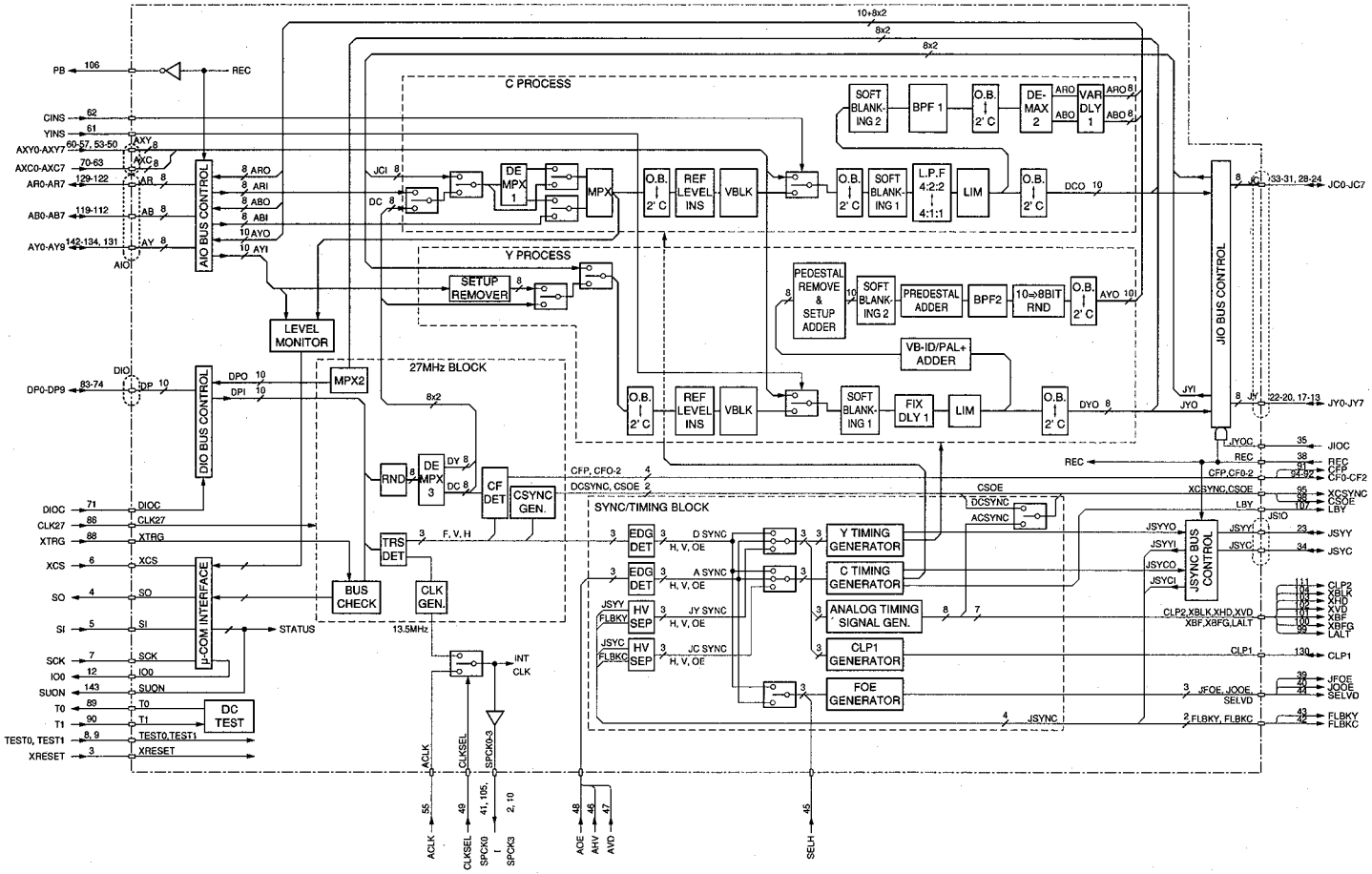
AXC0-AXC7	; C AUX DATA (8 BIT OFFSET BINARY DATA)
AXY0-AXY7	; Y AUX DATA (8 BIT OFFSET BINARY DATA)
ACLK	; 13.5 MHz EXTERNAL CLOCK
AHD	; EXTERNAL REFERENCE HD
AVD	; EXTERNAL REFERENCE VD
AOE	; EXTERNAL REFERENCE OE
CINS	; C AUX DATA INSERT (H : INS / L : NORMAL)
CLK27	; 27 MHz MASTER CLOCK
CLKSEL	; 13.5 MHz INTERNAL CLOK SELECT(H : CLK27 / L : ACLK)
DIOC	; DIO BUS CONTROL (H : OUTPUT / L : INPUT)
FLBKC	; C PLAYBACK OE
FLBKY	; Y PLAYBACK OE
JIOC	; JIO BUS CONTROL (H : NORMAL / L : Hi-Z)
REC	; MODE SELECT (H : REC / L : PB)
SCK	; COMMUNICATION CLOCK
SI	; COMMUNICATION SERIAL DATA
TESTO,TEST1,T1	; TEST (H : NORMAL)
XCS	; COMMUNICATION CHIP SELECT
XRESET	; SYSTEM RESET (H : NORMAL / L : RESET)
XTRG	; VTR SELF CHECK
YINS	; Y AUX DATA INSERT (H : INS / L : NORMAL)

OUTPUT

CF0-CF2	; COLOR FRAME DATA
CFP	; COLOR FRAME PILSE
CSOE	; SYNCHRONISED OE SYNC BY COMP SYNC
CLP1,CLP2	; CLAMP SIGNAL OF A/D, D/A
JFOE	; FORCED OE
JOOE	; SELECTED OE
IO0	; I/O PORT (RESERVED)
LALT	; LINE ALTERNATE
LBY	; CHROMA SELECT SIGNAL AT MIX MODE(H : R-Y / L : B-Y)
PB	; INVERT OUTPU OF REC INPUT(H : PB / L : REC)
SELH	; SELECTED HD
SELVD	; SELECTED VD
SO	; COMMUNICATION SERIAL DATA
SPCKO-SPCK2	; SELECTED 13.5 MHz CLOCK
SUON	; H : SETUP OPERATE, L : SETUP NON PERATE
TO	; TEST (OPEN : NORMAL)
XBLK	; COMPSITE BLANKING
XBF	; BURST FLUG
XBFG	; XBF SEMI WIDE PULSE
XCSYNC	; COMPOSITE SYNC SIGNAL
XHD	; PLAYBACK HD
XVD	; PLAYBACK VD

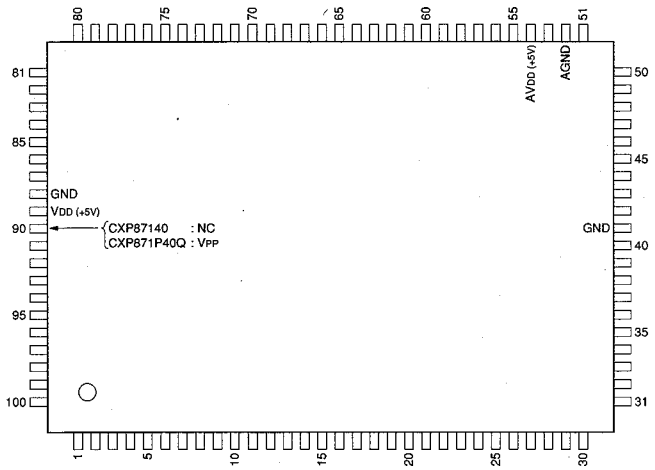
INPUT/OUTPUT

AY0-AY9	; ANALOG Y DATA
AB0-AB7	; ANALOG CHROMA DATA (SEP MODE : B-Y, MIX MODE : NOT USED)
AR0-AR7	; ANALOG CHROMA DATA (SEP MODE : R-Y, MIX MODE : MIXC)
DP0-DP9	; DIGITAL PARALLEL DATA INPUT/DISITAL MIX(BYR) OUTPUT
JCO-JC7	; C DATA FOR J-CORE
JY0-JY7	; Y DATA FOR J-CORE
JSYC	; C REFERENCE SYNC
JSYY	; Y REFERENCE SYNC


C PROCESS
Y PROCESS
SOFT BLANK-ING 2
BPF 1
O.B. ↓ 2' C
DE-MAX 2
VAR DLY 1
DE-MPX 1
MPX
REF LEVEL INS
VBLK
SOFT BLANK-ING 1
L.P.F 4:2:2 ↓ 4:1:1
LIM
DCO 10
SETUP REMOVER
PEDESTAL REMOVE & SETUP ADDER
PREDESTAL ADDER
BPF2
10⇒8BIT RND
AYO 10
VB-ID/PAL+ ADDER
FIX DLY 1
DYO 8
AIO BUS CONTROL
JIO BUS CONTROL
LEVEL MONITOR
27MHz BLOCK
MPX2
DIO BUS CONTROL
RND
DE-MPX 3
CF DET
CSYNC GEN.
TRS DET
BUS CHECK
CLK GEN.
μ-COM INTERFACE
DC TEST
SYNC/TIMING BLOCK
EDG DET
HV SEP
Y TIMING GENERATOR
C TIMING GENERATOR
ANALOG TIMING SIGNAL GEN.
CLP1 GENERATOR
FOE GENERATOR
JSYNC BUS CONTROL
PB
REC
CINS
YINS
AXY0-AXY7
AXC0-AXC7
AR0-AR7
AB0-AB7
AY0-AY9
DP0-DP9
DIOC
CLK27
XTRG
XCS
SO
SI
SCK
IO0
SUON
T0
T1
TEST0, TEST1
XRESET
STATUS
13.5MHz
INT CLK
JC0-JC7
JY0-JY7
JIOC
REC
CFP
CFP0-CF2
XCSYNC
CSOE
LBY
JSYO
JSYY
JSYC
CLP2
XBLK
XHD
XVD
XBF
XBFG
LALT
CLP1
JFOE
JOOE
SELVD
FLBKY
FLBKC

CXP871P40Q-2 (SONY)

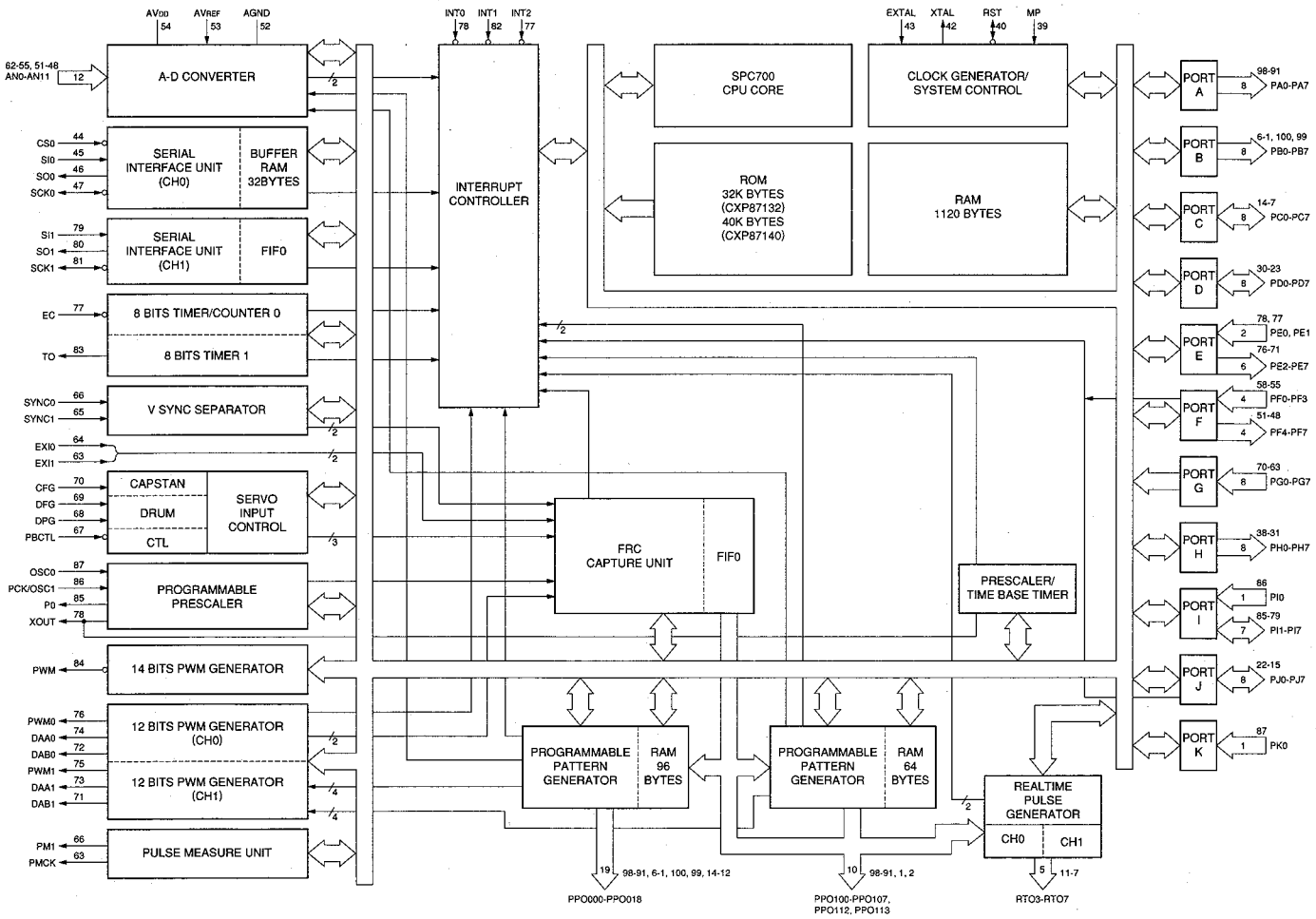
C-MOS 8-BIT MICROCOMPUTER
-TOP VIEW-



(VDD = AVDD = +5 V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	O	PB5/PPO013/PPO113	26	I/O	PD4	51	I/O	PF4/AN8	76	O	PE2/PWM0
2	O	PB4/PPO012/PPO112	27	I/O	PD3	52	—	AGND	77	I	PE1/EC/INT2
3	O	PB3/PPO011	28	I/O	PD2	53	—	AVREF	78	I	PE0/INT0/XOUT
4	O	PB2/PPO010	29	I/O	PD1	54	—	AVDD	79	I/O	PI7/SI1
5	O	PB1/PPO009	30	I/O	PD0	55	I	PF3/AN7	80	I/O	PI6/SO1
6	O	PB0/PPO008	31	O	PH7	56	I	PF2/AN6	81	I/O	PI5/SCK1
7	I/O	PC7/RTO7	32	O	PH6	57	I	PF1/AN5	82	I/O	PI4/INT1
8	I/O	PC6/RTO6	33	O	PH5	58	I	PF0/AN4	83	I/O	PI3/TO
9	I/O	PC5/RTO5	34	O	PH4	59	I	AN3	84	I/O	PI2/PWM
10	I/O	PC4/RTO4	35	O	PH3	60	I	AN2	85	I/O	PI1/P0
11	I/O	PC3/RTO3	36	O	PH2	61	I	AN1	86	I	PI0/PCK/OSC1
12	I/O	PC2/PPO018	37	O	PH1	62	I	AN0	87	I	PK0/OSC0
13	I/O	PC1/PPO017	38	O	PH0	63	I	PG7/EXI1/PMSK	88	—	GND
14	I/O	PC0/PPO016	39	I	MP	64	I	PG6/EXI0	89	—	VDD
15	I/O	PJ7	40	I/O	RST	65	I	PG5/SYNC1	90	—	* below
16	I/O	PJ6	41	—	GND	66	I	PG4/SYNC0/PMI	91	O	PA7/PPO007/PPO107
17	I/O	PJ5	42	—	XTAL	67	I	PG3/PBCTL	92	O	PA6/PPO006/PPO106
18	I/O	PJ4	43	I	EXTAL	68	I	PG2/DPG	93	O	PA5/PPO005/PPO105
19	I/O	PJ3	44	I	CS0	69	I	PG1/DFG	94	O	PA4/PPO004/PPO104
20	I/O	PJ2	45	I	SI0	70	I	PG0/CFG	95	O	PA3/PPO003/PPO103
21	I/O	PJ1	46	O	SO0	71	O	PE7/DAB1	96	O	PA2/PPO002/PPO102
22	I/O	PJ0	47	I/O	SCK0	72	O	PE6/DAB0	97	O	PA1/PPO001/PPO101
23	I/O	PD7	48	I/O	PF7/AN11	73	O	PE5/DAA1	98	O	PA0/PPO000/PPO100
24	I/O	PD6	49	I/O	PF6/AN10	74	O	PE4/DAA0	99	O	PB7/PPO015
25	I/O	PD5	50	I/O	PF5/AN9	75	O	PE3/PWM1	100	O	PB6/PPO014

* CXP87140 : NC
CXP871P40Q : VPP



INPUT

AN0 - AN11	; A-D CONVERTER'S ANALOG INPUTS
CFG	; CAPSTAN FG INPUT
CS0	; SERIAL INTERFACE CHANNEL 0 SELECT INPUT
DPG, DFG	; DRUM PG AND FG INPUTS
EC	; EVENT CONTROL INPUT FOR TIMER/COUNTER
EXI0, EXI1	; FRC CAPTURE UNIT'S EXTERNAL INPUTS
EXTAL	; CRYSTAL CONNECTION OR EXTERNAL CLOCK INPUT FOR SYSTEM CLOCK GENERATOR
INT0 - INT2	; INTERRUPT REQUEST INPUTS (FALLING EDGE ACTIVE)
MP	; MICROPROCESSOR MODE INPUT
PBCTL	; PLAYBACK CTL PULSE INPUT
PCK	; PRESCALER'S EXTERNAL CLOCK INPUT
PE0, PE1	; INPUTS OF PORT E (PE2 - PE7 ; OUTPUTS)
PF0 - PF3	; INPUTS OF PORT F (PF4 - PF7 ; OUTPUTS)
PG0 - PG7	; INPUTS OF PORT G
PI0	; INPUT OF PORT I (PI1 - PI7 ; INPUTS/OUTPUTS)
PK0	; INPUT OF PORT K
PMI	; INSTRUMENTATION PULSE INPUT OF PULSE MEASURE UNIT
PMSK	; INSTRUMENTATION ENABLE INPUT OF PULSE MEASURE UNIT
SI0, SI1	; SERIAL DATA INPUTS (CHANNEL 0 AND CHANNEL 1)
SYNC0, SYNC1	; COMPOSITE SYNC SIGNAL INPUTS

OUTPUT

DAA0, DAB0	; DA GATE PULSE OUTPUTS (12 BITS PWM CHANNEL 0)
DAA1, DAB1	; DA GATE PULSE OUTPUTS (12 BITS PWM CHANNEL 1)
PA0 - PA7	; OUTPUTS OF PORT A
PB0 - PB7	; OUTPUTS OF PORT B
PE2 - PE7	; OUTPUTS OF PORT E (PE0, PE1 ; INPUTS)
PF4 - PF7	; OUTPUTS OF PORT F (PF0 - PF3 ; INPUTS)
PH0 - PH7	; OUTPUTS OF PORT H (N-CH OPEN DRAIN OUTPUTS)
PPO000 - PPO018, PPO100 - PPO107, PPO112, PPO113	; PROGRAMMABLE PATTERN GENERATOR OUTPUTS
PO	; PRESCALER OUTPUT
PWM	; PULSE WIDTH MODULATION OUTPUT
PWM0, PWM1	; 12 BITS PULSE WIDTH MODULATION OUTPUTS (CHANNEL 0 AND CHANNEL 1)
RTO3 - RTO7	; REALTIME PULSE GENERATOR OUTPUTS
SO0, SO1	; SERIAL DATA OUTPUTS (CHANNEL 0 AND CHANNEL 1)
TO	; TIME/COUNTER OUTPUT (DUTY 50%)
XTAL	; CRYSTAL CONNECTION

INPUT/OUTPUT

PC0 - PC7	; INPUTS/OUTPUTS OF PORT C (BIT PROGRAMMABLE)
PD0 - PD7	; INPUTS/OUTPUTS OF PORT D (4 BITS PROGRAMMABLE)
PI1 - PI7	; INPUTS/OUTPUTS OF PORT I (BIT PROGRAMMABLE, PI0 ; INPUT)
PJ0 - PJ7	; INPUTS/OUTPUTS OF PORT J (BIT PROGRAMMABLE)
RST	; SYSTEM RESET INPUT AND POWER ON RESET OUTPUT
SCK0, SCK1	; SERIAL CLOCK INPUTS/OUTPUTS (CHANNEL 0 AND CHANNEL 1)

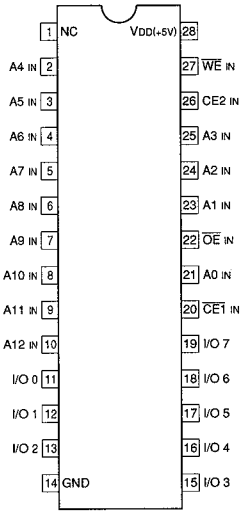
OTHER

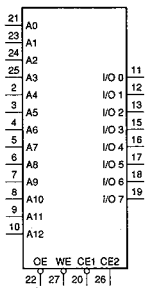
AGND	; A-D CONVERTER'S GROUND
AVDD (+5V)	; A-D CONVERTER'S VDD
AVREF	; A-D CONVERTER'S REFERENCE VOLTAGE INPUT

CY7C185-25VC (CYPRESS)J-LEADED PACKAGE
CY7C185-25VCTEL

C-MOS 8192-WORD × 8-BIT HIGH SPEED STATIC RAM

-TOP VIEW-

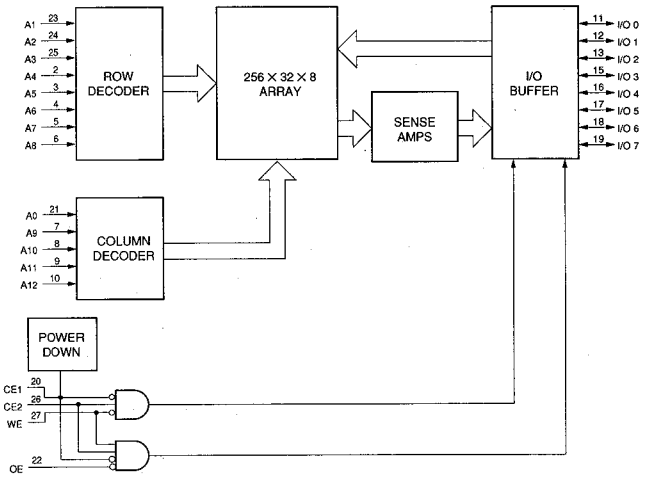




A0 - A12	; ADDRESS INPUTS
$\overline{CE1}$, CE2	; CHIP ENABLE INPUT
I/O 0 - I/O 7	; DATA INPUTS / OUTPUTS
$\overline{OE}$	; OUTPUT ENABLE INPUT
$\overline{WE}$	; WRITE ENABLE INPUT

$\overline{CE1}$	CE2	$\overline{OE}$	$\overline{WE}$	MODE	I/O TERMINAL
1	×	×	×	NOT SELECT	HI-Z
×	0	×	×	NOT SELECT	HI-Z
0	1	1	1	OUTPUT DISABLE	HI-Z
0	1	0	1	READ	OUTPUT DATA
0	1	×	0	WRITE	INPUT DATA

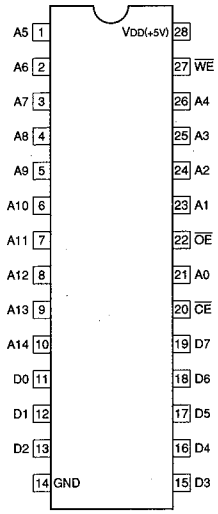
0	; LOW LEVEL
1	; HIGH LEVEL
×	; DON'T CARE
HI-Z	; HIGH IMPEDANCE

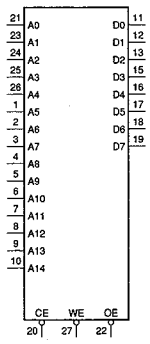


CY7C199-20VC (CYPRESS)J-LEADED PACKAGE

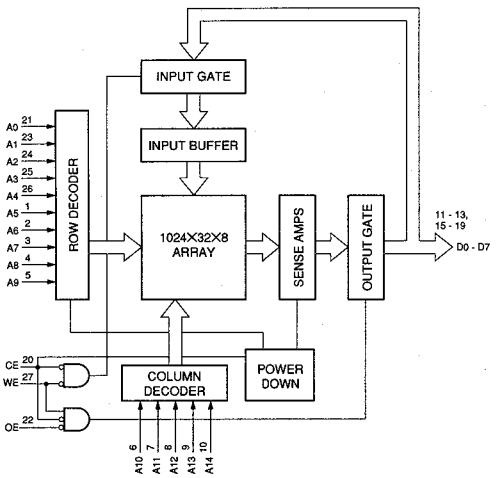
C-MOS 256K (32,768 × 8)-BIT STATIC RAM

-TOP VIEW-





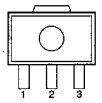
A0 - A14 ; ADDRESS INPUTS
$\overline{CE}$; CHIP ENABLE
D0 - D7 ; DATA INPUTS / OUTPUTS
$\overline{OE}$; OUTPUT ENABLE
$\overline{WE}$; WRITE ENABLE

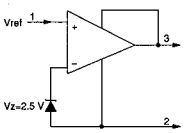


HA17431UA-TL (HITACHI)

SHUNT REGULATOR

-TOP VIEW-

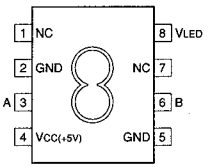


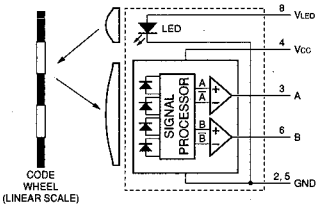


HEDR-8000 (YHP)

PHOTO POSITION SENSOR

– TOP VIEW–

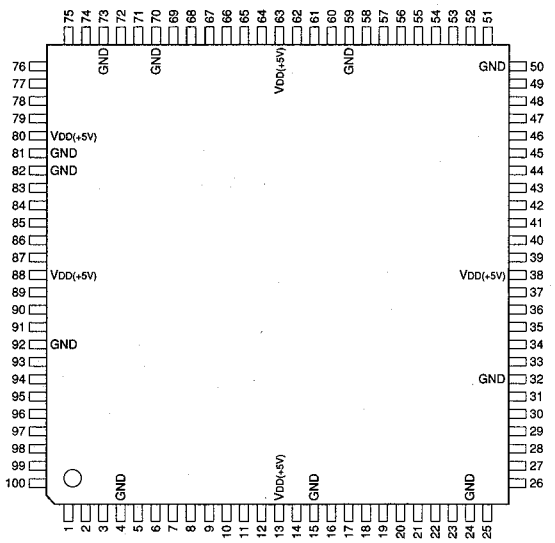




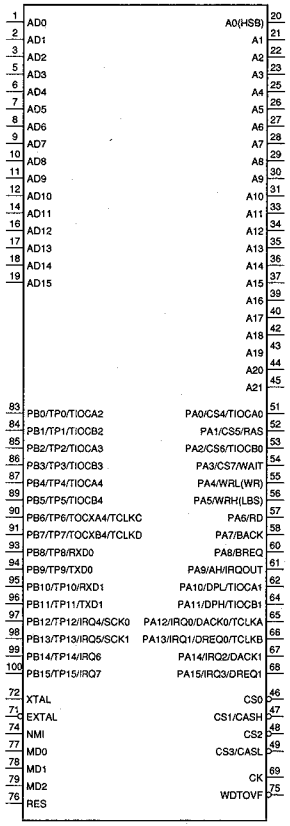
HD6437021C02X (HITACHI)

C-MOS 32-BIT MICROPROCESSOR

– TOP VIEW–



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I/O	AD0	35	O	A13	69	O	CK
2	I/O	AD1	36	O	A14	70	—	GND
3	I/O	AD2	37	O	A15	71	I	EXTAL
4	—	GND	38	—	VDD	72	I	XTAL
5	I/O	AD3	39	O	A16	73	—	GND
6	I/O	AD4	40	O	A17	74	I	NMI
7	I/O	AD5	41	—	GND	75	O	WDTOVF
8	I/O	AD6	42	O	A18	76	I	RES
9	I/O	AD7	43	O	A19	77	I	MD0
10	I/O	AD8	44	O	A20	78	I	MD1
11	I/O	AD9	45	O	A21	79	I	MD2
12	I/O	AD10	46	O	CS0	80	—	VDD
13	—	VDD	47	O	CS1/CASH	81	—	GND
14	I/O	AD11	48	O	CS2	82	—	GND
15	—	GND	49	O	CS3/CASL	83	I/O	PB0/TP0/TIOCA2
16	I/O	AD12	50	—	GND	84	I/O	PB1/TP1/TIOCB2
17	I/O	AD13	51	I/O	PA0/CS4/TIOCA0	85	I/O	PB2/TP2/TIOCA3
18	I/O	AD14	52	I/O	PA1/CS5/RAS	86	I/O	PB3/TP3/TIOCB3
19	I/O	AD15	53	I/O	PA2/CS6/TIOCB0	87	I/O	PB4/TP4/TIOCA4
20	O	A0 (HBS)	54	I/O	PA3/CS7/WAIT	88	—	VDD
21	O	A1	55	I/O	PA4/WRL/(WR)	89	I/O	PB5/TP5/TIOCB4
22	O	A2	56	I/O	PA5/WRH/(LBS)	90	I/O	PB6/TP6/TOCXA4/TCLKC
23	O	A3	57	I/O	PA6/RD	91	I/O	PB7/TP7/TOCXB4/TCLKD
24	—	GND	58	I/O	PA7/BACK	92	—	GND
25	O	A4	59	—	GND	93	I/O	PB8/TP8/RXD0
26	O	A5	60	I/O	PA8/BREQ	94	I/O	PB9/TP9/TXD0
27	O	A6	61	I/O	PA9/AH/IRQOUT	95	I/O	PB10/TP10/RXD1
28	O	A7	62	I/O	PA10/DPL/TIOCA1	96	I/O	PB11/TP11/TXD1
29	O	A8	63	—	VDD	97	I/O	PB12/TP12/IRQ4/SCK0
30	O	A9	64	I/O	PA11/DPH/TIOCB1	98	I/O	PB13/TP13/IRQ5/SCK1
31	O	A10	65	I/O	PA12/IRQ0/DACK0/TCLKA	99	I/O	PB14/TP14/IRQ6
32	—	GND	66	I/O	PA13/IRQ1/DREQ0/TCLKB	100	I/O	PB15/TP15/IRQ7
33	O	A11	67	I/O	PA14/IRQ2/DACK1			
34	O	A12	68	I/O	PA15/IRQ3/DREQ1			



INPUT

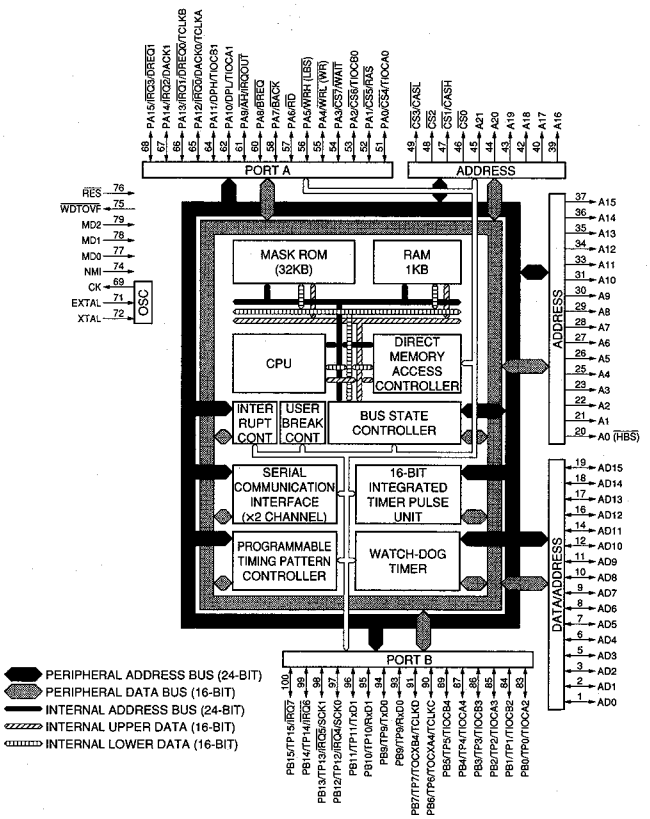
BREQ	; BUS REQUEST
DREQ0, DREQ1	; DMA REQUEST
EXTAL	; CRYSTAL OSCILLATOR AND EXTERNAL CLOCK
IRQ0 - IRQ7	; INTERRUPT REQUEST
MD0 - MD2	; MODE SELECT
NMI	; NON-MASKABLE INTERRUPT
RES	; RESET
RXD0, RXD1	; RECEIVE DATA
TCLKA - TCLKD	; TIMER CLOCK
WAIT	; WAIT
XTAL	; EXTERNAL CRYSTAL OSCILLATOR

OUTPUT

AH	; ADDRESS HOLD
A0 - A21	; ADDRESS BUS
BACK	; BUS REQUEST ACKNOWLEDGE
CASH	; HIGH COLUMN ADDRESS STROBE
CASL	; LOW COLUMN ADDRESS STROBE
CK	; SYSTEM CLOCK
CS0 - CS7	; CHIP SELECT
DACK0, DACK1	; DMA REQUEST ACKNOWLEDGE
HBS	; HIGH BYTE STROBE
LBS	; LOW BYTE STROBE
RAS	; ROW ADDRESS STROBE
RD	; READ
RQOUT	; REQUEST OUTPUT
TOCXA4	; OUTPUT COMPARE XA4
TOCXB4	; OUTPUT COMPARE XB4
TP0 - TP15	; TIMING PATTERN CONTROLLER
TXD0, TXD1	; TRANSMIT DATA
WDTOVF	; WATCH-DOG TIMER OVERFLOW
WR	; WRITE
WRH	; HIGH WRITE
WRL	; LOW WRITE

INPUT/OUTPUT

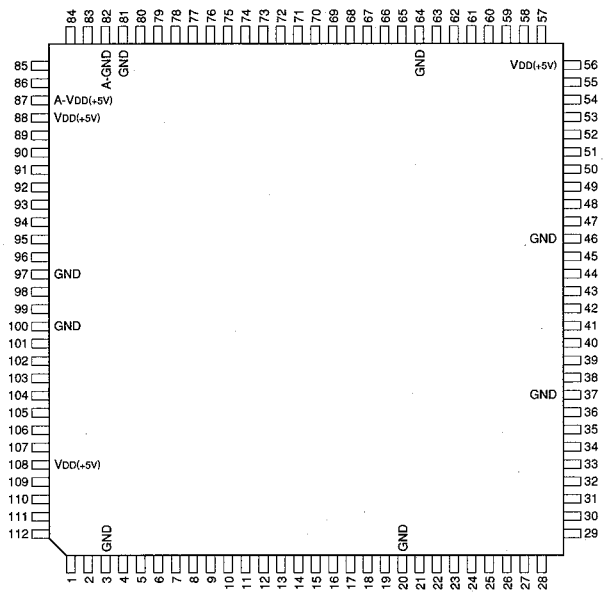
AD0 - AD15	; DATA/ADDRESS BUS
DPH	; HIGH DATA PARITY
DPL	; LOW DATA PARITY
PA0 - PA15	; I/O PORT A
PB0 - PB15	; I/O PORT B
SCK0, SCK1	; SERIAL CLOCK
TIOCA0 - TIOCA4	; ITU INPUT CAPTURE/OUTPUT COMPARE
TIOB0 - TIOCB4	; ITU INPUT CAPTURE/OUTPUT COMPARE

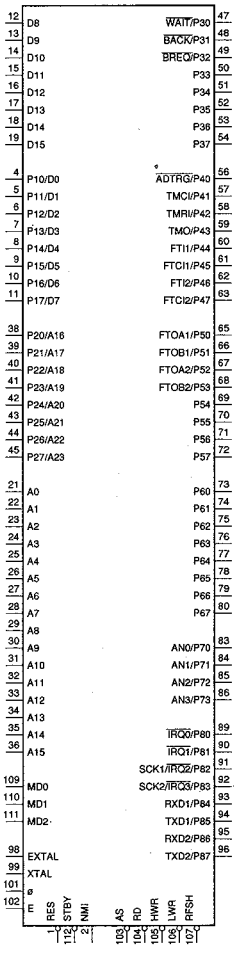


HD6415108RF10 (HITACHI)

C-MOS 16-BIT MICROCOMPUTER UNIT

-TOP VIEW-





INPUT

ADTRG	;	EXTERNAL TRIGGER
AN0 - AN3	;	ANALOG
BREQ	;	BUS RIGHT REQUEST
EXTAL	;	CRYSTAL OSCILLATOR
FTI1, FTI2	;	FREE RUNNING TIMER INPUT CAPTURE (CH1, CH2)
FTCI1, FTCI2	;	FREE RUNNING TIMER COUNTER CLOCK (CH1, CH2)
IRQ0 - IRQ3	;	INTERRUPT REQUEST
MD0 - MD2	;	MODE SET UP
NMI	;	NON-MASKABLE INTERRUPT
P70 - P73	;	PORT 7
RXD1, RXD2	;	RECEIVE DATA (CH1, CH2)
STBY	;	STANDBY
TMCI	;	8-BIT TIMER CLOCK
TMRI	;	8-BIT TIMER COUNTER RESET
WAIT	;	WAIT
XTAL	;	CRYSTAL OSCILLATOR

OUTPUT

A0 - A23	;	ADDRESS BUS
AS	;	ADDRESS STROBE
BACK	;	BUS RIGHT REQUEST ACKNOWLEDGE
E	;	ENABLE CLOCK
FTOA1, FTOA2	;	FREE RUNNING TIMER OUTPUT COMPARE A (CH1, CH2)
FTOB1, FTOB2	;	FREE RUNNING TIMER OUTPUT COMPARE B (CH1, CH2)
HWR	;	HIGH WRITE
LWR	;	LOW WRITE
RD	;	READ
RFSH	;	REFRESH CYCLE
TMO	;	8-BIT TIMER
TXD1, TXD2	;	TRANSMISSION DATA (CH1, CH2)
ø	;	SYSTEM CLOCK

INPUT/OUTPUT

D0 - D15	;	DATA BUS
P10 - P17	;	PORT 1
P20 - P27	;	PORT 2
P30 - P37	;	PORT 3
P40 - P47	;	PORT 4
P50 - P57	;	PORT 5
P60 - P67	;	PORT 6
P80 - P87	;	PORT 8
RES	;	RESET
SCK1, SCK2	;	SERIAL CLOCK (CH1, CH2)

INPUTS			OPERATION MODE	CONTENTS
MD2	MD1	MD0		
0	0	1	MODE 1	EXTENSION MINIMUM MODE (8BIT BUS)
0	1	0	MODE 2	EXTENSION MINIMUM MODE (16BIT BUS)
0	1	1	MODE 3	EXTENSION MAXIMUM MODE (8BIT BUS)
1	0	0	MODE 4	EXTENSION MAXIMUM MODE (16BIT BUS)
1	0	1	MODE 5	SINGLE CHIP MODE
1	1	0	MODE 6	
1	1	1	MODE 7	

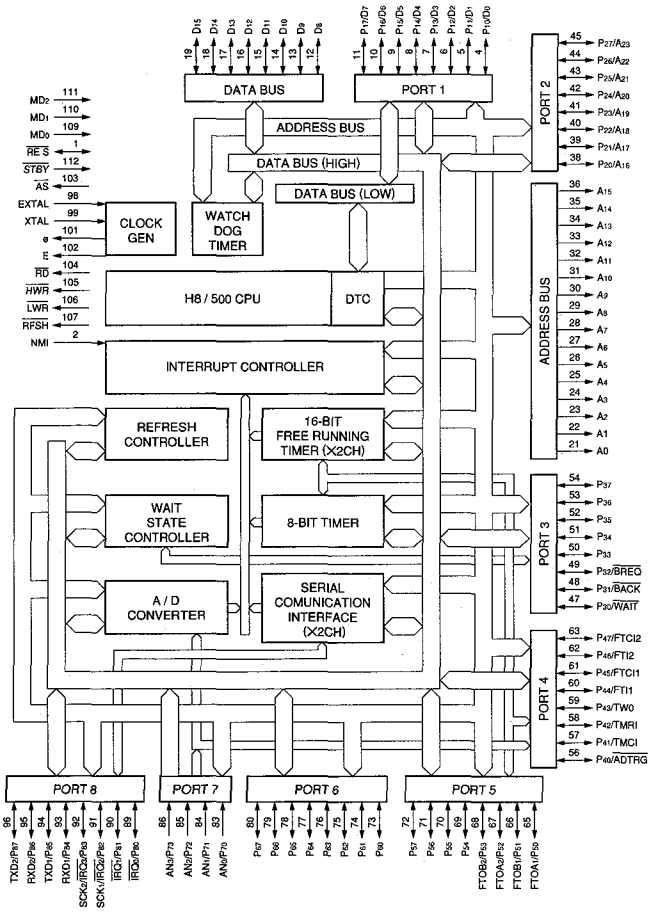
PIN NO.	EXPANSION MINIMUM MODE				EXPANSION MAXIMUM MODE			
	MODE 1		MODE 2		MODE 3		MODE 4	
	I/O	SIGNAL	I/O	SIGNAL	I/O	SIGNAL	I/O	SIGNAL
1	I/O	RES	I/O	RES	I/O	RES	I/O	RES
2	I	NMI	I	NMI	I	NMI	I	NMI
3	—	GND	—	GND	—	GND	—	GND
4	I/O	P10	I/O	D0	I/O	P10	I/O	D0
5	I/O	P11	I/O	D1	I/O	P11	I/O	D1
6	I/O	P12	I/O	D2	I/O	P12	I/O	D2
7	I/O	P13	I/O	D3	I/O	P13	I/O	D3
8	I/O	P14	I/O	D4	I/O	P14	I/O	D4
9	I/O	P15	I/O	D5	I/O	P15	I/O	D5
10	I/O	P16	I/O	D6	I/O	P16	I/O	D6
11	I/O	P17	I/O	D7	I/O	P17	I/O	D7
12	I/O	D8	I/O	D8	I/O	D8	I/O	D8
13	I/O	D9	I/O	D9	I/O	D9	I/O	D9
14	I/O	D10	I/O	D10	I/O	D10	I/O	D10
15	I/O	D11	I/O	D11	I/O	D11	I/O	D11
16	I/O	D12	I/O	D12	I/O	D12	I/O	D12
17	I/O	D13	I/O	D13	I/O	D13	I/O	D13
18	I/O	D14	I/O	D14	I/O	D14	I/O	D14
19	I/O	D15	I/O	D15	I/O	D15	I/O	D15
20	—	GND	—	GND	—	GND	—	GND
21	O	A0	O	A0	O	A0	O	A0
22	O	A1	O	A1	O	A1	O	A1
23	O	A2	O	A2	O	A2	O	A2
24	O	A3	O	A3	O	A3	O	A3
25	O	A4	O	A4	O	A4	O	A4
26	O	A5	O	A5	O	A5	O	A5
27	O	A6	O	A6	O	A6	O	A6
28	O	A7	O	A7	O	A7	O	A7
29	O	A8	O	A8	O	A8	O	A8
30	O	A9	O	A9	O	A9	O	A9
31	O	A10	O	A10	O	A10	O	A10
32	O	A11	O	A11	O	A11	O	A11
33	O	A12	O	A12	O	A12	O	A12
34	O	A13	O	A13	O	A13	O	A13
35	O	A14	O	A14	O	A14	O	A14
36	O	A15	O	A15	O	A15	O	A15
37	—	GND	—	GND	—	GND	—	GND
38	I/O	P20	I/O	P20	O	A16	O	P20
39	I/O	P21	I/O	P21	O	A17	O	P21
40	I/O	P22	I/O	P22	O	A18	O	P22

(VDD = +5V)

PIN NO.	EXPANSION MINIMUM MODE				EXPANSION MAXIMUM MODE			
	MODE 1		MODE 2		MODE 3		MODE 4	
	I/O	SIGNAL	I/O	SIGNAL	I/O	SIGNAL	I/O	SIGNAL
41	I/O	P23	I/O	P23	O	A19	O	A19
42	I/O	P24	I/O	P24	O	A20	O	A20
43	I/O	P25	I/O	P25	O	A21	O	A21
44	I/O	P26	I/O	P26	O	A22	O	A22
45	I/O	P27	I/O	P27	O	A23	O	A23
46	—	GND	—	GND	—	GND	—	GND
47	I/O	P30 / WAIT	I/O	P30 / WAIT	I/O	P30 / WAIT	I/O	P30 / WAIT
48	I/O	P31 / BACK	I/O	P31 / BACK	I/O	P31 / BACK	I/O	P31 / BACK
49	I/O	P32 / BREQ	I/O	P32 / BREQ	I/O	P32 / BREQ	I/O	P32 / BREQ
50	I/O	P33	I/O	P33	I/O	P33	I/O	P33
51	I/O	P34	I/O	P34	I/O	P34	I/O	P34
52	I/O	P35	I/O	P35	I/O	P35	I/O	P35
53	I/O	P36	I/O	P36	I/O	P36	I/O	P36
54	I/O	P37	I/O	P37	I/O	P37	I/O	P37
55	—	VDD	—	VDD	—	VDD	—	VDD
56	I/O	P40 / ADTRG	I/O	P40 / ADTRG	I/O	P40 / ADTRG	I/O	P40 / ADTRG
57	I/O	P41 / TMCI	I/O	P41 / TMCI	I/O	P41 / TMCI	I/O	P41 / TMCI
58	I/O	P42 / TMRI	I/O	P42 / TMRI	I/O	P42 / TMRI	I/O	P42 / TMRI
59	I/O	P43 / TMO	I/O	P43 / TMO	I/O	P43 / TMO	I/O	P43 / TMO
60	I/O	P44 / FTI1	I/O	P44 / FTI1	I/O	P44 / FTI1	I/O	P44 / FTI1
61	I/O	P45 / FTCI1	I/O	P45 / FTCI1	I/O	P45 / FTCI1	I/O	P45 / FTCI1
62	I/O	P46 / FTI2	I/O	P46 / FTI2	I/O	P46 / FTI2	I/O	P46 / FTI2
63	I/O	P47 / FTCI2	I/O	P47 / FTCI2	I/O	P47 / FTCI2	I/O	P47 / FTCI2
64	—	GND	—	GND	—	GND	—	GND
65	I/O	P50 / FTOA1	I/O	P50 / FTOA1	I/O	P50 / FTOA1	I/O	P50 / FTOA1
66	I/O	P51 / FTOB1	I/O	P51 / FTOB1	I/O	P51 / FTOB1	I/O	P51 / FTOB1
67	I/O	P52 / FTOA2	I/O	P52 / FTOA2	I/O	P52 / FTOA2	I/O	P52 / FTOA2
68	I/O	P53 / FTOB2	I/O	P53 / FTOB2	I/O	P53 / FTOB2	I/O	P53 / FTOB2
69	I/O	P54	I/O	P54	I/O	P54	I/O	P54
70	I/O	P55	I/O	P55	I/O	P55	I/O	P55
71	I/O	P56	I/O	P56	I/O	P56	I/O	P56
72	I/O	P57	I/O	P57	I/O	P57	I/O	P57
73	I/O	P60	I/O	P60	I/O	P60	I/O	P60
74	I/O	P61	I/O	P61	I/O	P61	I/O	P61
75	I/O	P62	I/O	P62	I/O	P62	I/O	P62
76	I/O	P63	I/O	P63	I/O	P63	I/O	P63
77	I/O	P64	I/O	P64	I/O	P64	I/O	P64
78	I/O	P65	I/O	P65	I/O	P65	I/O	P65
79	I/O	P66	I/O	P66	I/O	P66	I/O	P66
80	I/O	P67	I/O	P67	I/O	P67	I/O	P67

(VDD = +5V)

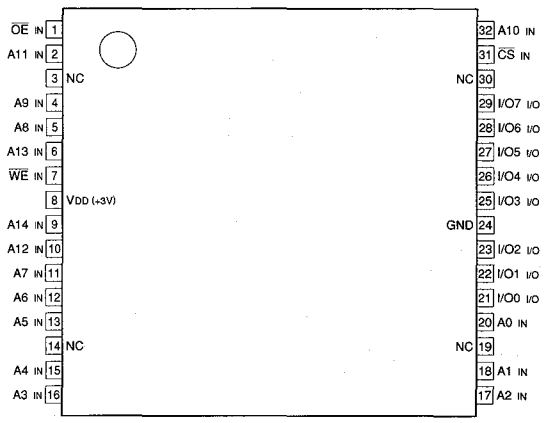
PIN NO.	EXPANSION MINIMUM MODE				EXPANSION MAXIMUM MODE			
	MODE 1		MODE 2		MODE 3		MODE 4	
	I/O	SIGNAL	I/O	SIGNAL	I/O	SIGNAL	I/O	SIGNAL
81	—	GND	—	GND	—	GND	—	GND
82	—	A-GND	—	A-GND	—	A-GND	—	A-GND
83	I	P70 / AN0	I	P70 / AN0	I	P70 / AN0	I	P70 / AN0
84	I	P71 / AN1	I	P71 / AN1	I	P71 / AN1	I	P71 / AN1
85	I	P72 / AN2	I	P72 / AN2	I	P72 / AN2	I	P72 / AN2
86	I	P73 / AN3	I	P73 / AN3	I	P73 / AN3	I	P73 / AN3
87	—	A-VDD	—	A-VDD	—	A-VDD	—	A-VDD
88	—	VDD	—	VDD	—	VDD	—	VDD
89	I/O	P80 / IRQ0	I/O	P80 / IRQ0	I/O	P80 / IRQ0	I/O	P80 / IRQ0
90	I/O	P81 / IRQ1	I/O	P81 / IRQ1	I/O	P81 / IRQ1	I/O	P81 / IRQ1
91	I/O	P82 / IRQ2 / SCK1	I/O	P82 / IRQ2 / SCK1	I/O	P82 / IRQ2 / SCK1	I/O	P82 / IRQ2 / SCK1
92	I/O	P83 / IRQ3 / SCK2	I/O	P83 / IRQ3 / SCK2	I/O	P83 / IRQ3 / SCK2	I/O	P83 / IRQ3 / SCK2
93	I/O	P84 / RXD1	I/O	P84 / RXD1	I/O	P84 / RXD1	I/O	P84 / RXD1
94	I/O	P85 / TXD1	I/O	P85 / TXD1	I/O	P85 / TXD1	I/O	P85 / TXD1
95	I/O	P86 / RXD2	I/O	P86 / RXD2	I/O	P86 / RXD2	I/O	P86 / RXD2
96	I/O	P87 / TXD2	I/O	P87 / TXD2	I/O	P87 / TXD2	I/O	P87 / TXD2
97	—	GND	—	GND	—	GND	—	GND
98	I	EXTAL	I	EXTAL	I	EXTAL	I	EXTAL
99	I	XTAL	I	XTAL	I	XTAL	I	XTAL
100	—	GND	—	GND	—	GND	—	GND
101	O	ø	O	ø	O	ø	O	ø
102	O	E	O	E	O	E	O	E
103	O	AS	O	AS	O	AS	O	AS
104	O	RD	O	RD	O	RD	O	RD
105	O	HWR	O	HWR	O	HWR	O	HWR
106	O	LWR	O	LWR	O	LWR	O	LWR
107	O	RFSH	O	RFSH	O	RFSH	O	RFSH
108	—	VDD	—	VDD	—	VDD	—	VDD
109	I	MD0	I	MD0	I	MD0	I	MD0
110	I	MD1	I	MD1	I	MD1	I	MD1
111	I	MD2	I	MD2	I	MD2	I	MD2
112	I	STBY	I	STBY	I	STBY	I	STBY

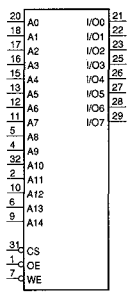


HM62V256LT8Z (HITACHI)

C-MOS SRAM

-TOP VIEW-

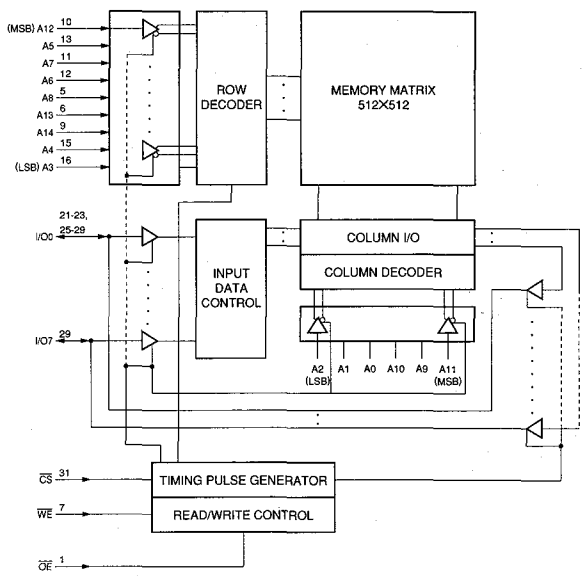




A0-A14 ; ADDRESS INPUTS
CS ; CHIP SELECT INPUT
I/O0-I/O7 ; DATA INPUTS/OUTPUTS
OE ; OUTPUT ENABLE INPUT
WE ; WRITE ENABLE INPUT

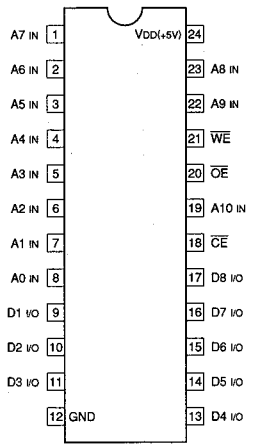
CS	OE	WE	MODE	I/O PIN
1	×	×	NO SELECTION	HI-Z
0	1	1	OUTPUT DISABLE	HI-Z
0	0	1	READ	DOUT
0	1	0	WRITE	DIN
0	0	0	WRITE	DIN

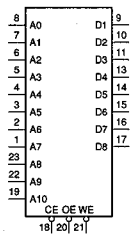
0 ; LOW LEVEL
1 ; HIGH LEVEL
× ; DON'T CARE
HI-Z; HIGH IMPEDANCE



IDT6116SA25S0 (INTEGRATED DEVICE TECHNOLOGY)
IDT6116SA25SO-T

C-MOS 16K (2048 × 8)-BIT STATIC RAM
-TOP VIEW-



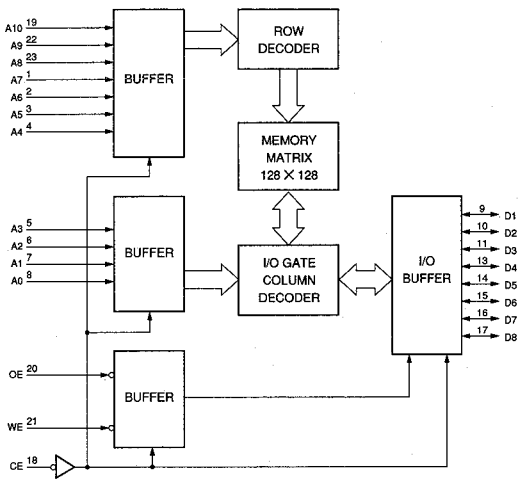


A0 - A10 ; ADDRESS INPUTS
CE ; CHIP ENABLE INPUT
D1 - D8 ; DATA INPUTS / OUTPUTS
OE ; OUTPUT ENABLE INPUT
WE ; WRITE ENABLE INPUT

FUNCTION TABLE

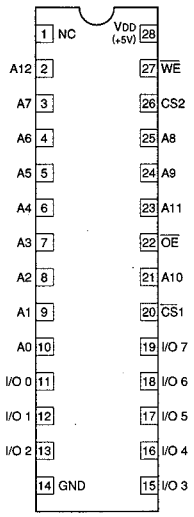
CONTROL INPUTS			MODE	D1 - D8
CE	OE	WE		
1	×	×	STANDBY	HI-Z
0	1	1	DISABLE OUTPUT	HI-Z
0	0	1	FEAD	OUTPUT
0	×	0	WRITE	INPUT

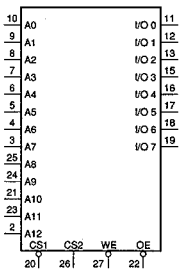
0 ; LOW LEVEL
1 ; HIGH LEVEL
× ; DON'T CARE
HI-Z ; HIGH IMPEDANCE



IDT7164S20Y (IDT)SOP-J BEND

C-MOS 64K (8K × 8)-BIT STATIC RAM
-TOP VIEW-



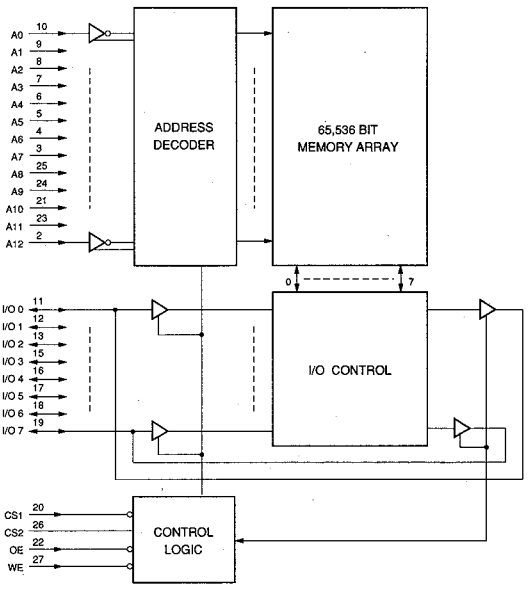


INPUT
A0 - A12 ; ADDRESS
$\overline{CS1}$, CS2 ; CHIP SELECT 1, 2
$\overline{OE}$; OUTPUT ENABLE
$\overline{WE}$; WRITE ENABLE

INPUT/OUTPUT
I/O 0-I/O 7 ; DATA INPUTS/OUTPUTS

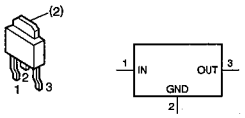
WE	CS1	CS2	OE	I/O	FUNCTION
×	1	×	×	HI-Z	DESELECTED-STANDBY (ISB)
×	×	0	×	HI-Z	DESELECTED-STANDBY (ISB)
×	VHC	VHC OR VLC	×	HI-Z	DESELECTED-STANDBY (ISB1)
×	×	VLC	×	HI-Z	DESELECTED-STANDBY (ISB1)
1	0	1	1	HI-Z	OUTPUT DISABLED
1	0	1	0	DATA OUT	READ DATA
0	0	1	×	DATA IN	WRITE DATA

0 ; LOW LEVEL
1 ; HIGH LEVEL
× ; DON'T CARE
HI-Z ; HIGH IMPEDANCE
VLC ; 0.2 V
VHC ; −0.2 V



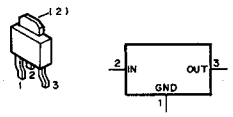
L78M09T-TL (SANYO)+9V

POSITIVE VOLTAGE REGULATOR



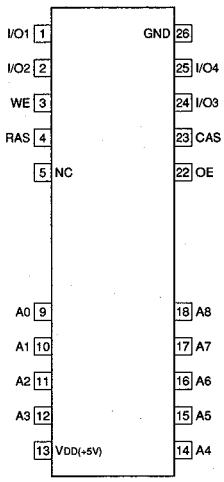
L79M05T-FA (SANYO)-5 V
L79M05T-FA-TL
L79M09T-TL (SANYO)—9 V

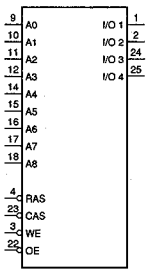
NEGATIVE VOLTAGE REGULATOR (500 mA)



LH64256BK-60 (OKI)
MSM514256B-70JS11DR1

C-MOS 256 × 4 BITS DYNAMIC RAM
– TOP VIEW–



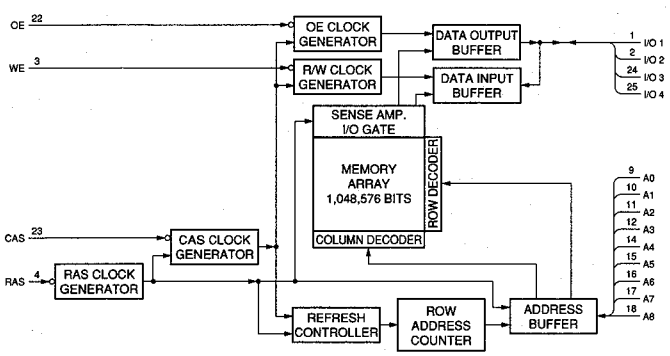


INPUT

A0 - A8	;	ADDRESS
RAS	;	ROW ADDRESS STROBE
CAS	;	COLUMN ADDRESS STROBE
WE	;	WRITE ENABLE (H : READ, L : WRITE)
OE	;	DATA OUTPUT ENABLE

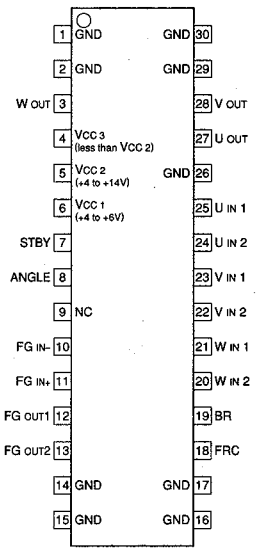
INPUT/OUTPUT

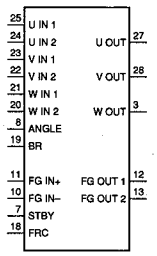
I/O 1 - I/O 4 ; DATA



LB1857M-TE-L (SANYO)FLAT PACKAGE

3-PHASE BRUSHLESS MOTOR DRIVER
-TOP VIEW-



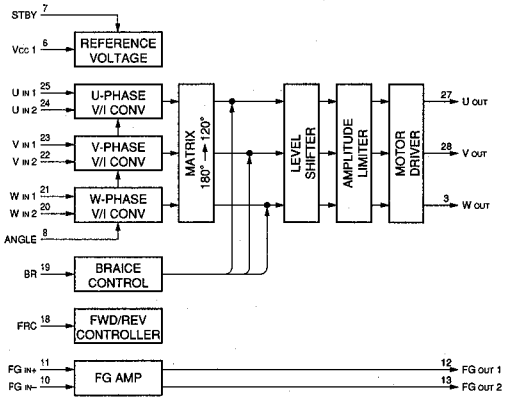


INPUTS

ANGLE	;	INPUT/OUTPUT GAIN CONTROL
BR	;	MOTOR CONTROL (L:DRIVE/H:STOP)
FG +/–	;	FG SIGNAL
FRC	;	MOTOR FORWARD/REVERSE CONTROL(L:FWD/H:REV)
STBY	;	STANDBY (L:STANDBY)
U 1/2, V 1/2, W 1/2	;	CONTROL

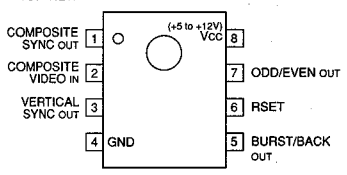
OUTPUT

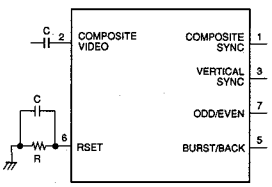
FG 1/2	;	FG AMP
U, V, W	;	OUTPUTS



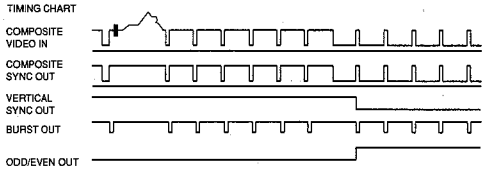
LM1881M (NS)FLAT PACKAGE
LM1881MX

VIDEO SYNC SEPARATOR
—TOP VIEW—



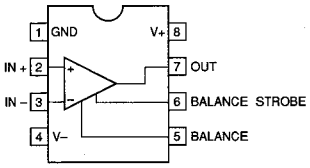


TIMING CHART



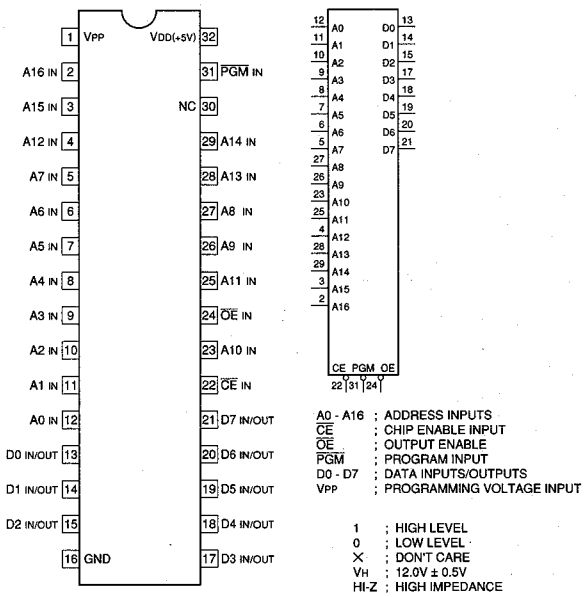
LM311PS (TI)FLAT PACKAGE
LM311PS-E05

VOLTAGE COMPARATOR WITH STROBE
—TOP VIEW—



M27C1001-10F1 (SGS)
M27C1001-70F1 (SGS)

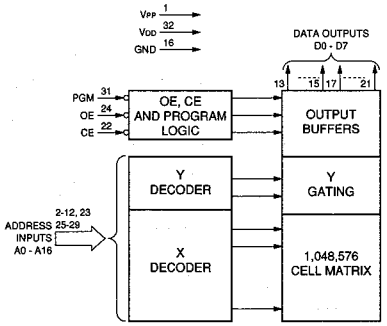
C-MOS 1M (128k × 8)-BIT UV EPROM
-TOP VIEW-



A0 - A16 ; ADDRESS INPUTS
$\overline{CE}$; CHIP ENABLE INPUT
$\overline{OE}$; OUTPUT ENABLE
$\overline{PGM}$; PROGRAM INPUT
D0 - D7 ; DATA INPUTS/OUTPUTS
VPP ; PROGRAMMING VOLTAGE INPUT

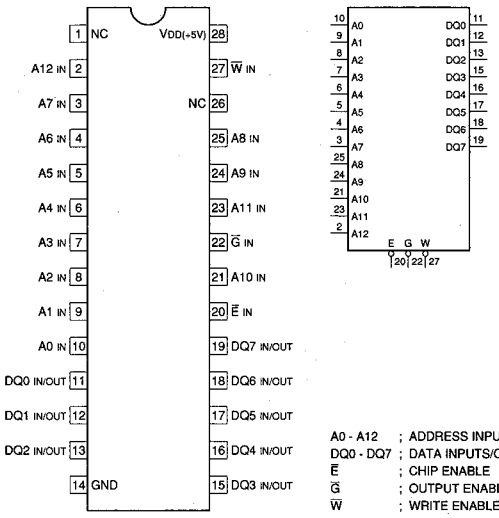
1 ; HIGH LEVEL
0 ; LOW LEVEL
× ; DON'T CARE
VH ; 12.0V ± 0.5V
HI-Z ; HIGH IMPEDANCE

MODE	CE	OE	A9	PGM	VPP	OUTPUT
READ	0	0	×	×	×	DOUT
OUTPUT DISABLE	0	1	×	×	×	HI-Z
STANDBY	1	×	×	×	×	HI-Z
PROGRAM	0	1	×	0	VPP	DIN
PROGRAM VERIFY	0	0	×	1	VPP	DOUT
PROGRAM INHIBIT	1	×	×	×	VPP	HI-Z
ELECTRONIC SIGNATURE	0	0	VH	1	VPP	CODE



M48Z58Y-70MH1TR (SGS THOMSON)

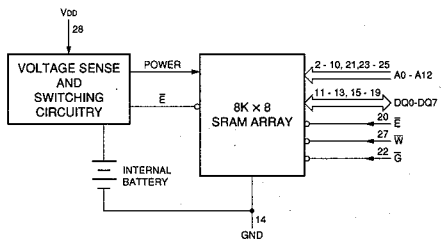
C-MOS 64K(8K × 8)BIT STATIC RAM
– TOP VIEW–



A0 - A12 ; ADDRESS INPUTS
DQ0 - DQ7 ; DATA INPUTS/OUTPUTS
$\overline{E}$; CHIP ENABLE
$\overline{G}$; OUTPUT ENABLE
$\overline{W}$; WRITE ENABLE

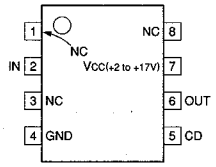
MODE	E	G	W	DQ0 - DQ7	POWER
DESELECT	1	×	×	HI-Z	STANDBY
WRITE	0	×	0	D IN	ACTIVE
READ	0	0	1	D OUT	ACTIVE
READ	0	1	1	HI-Z	ACTIVE
DESELECT	×	×	×	HI-Z	CMOS STANDBY
DESELECT	×	×	×	HI-Z	BATTERY BACK-UP MODE

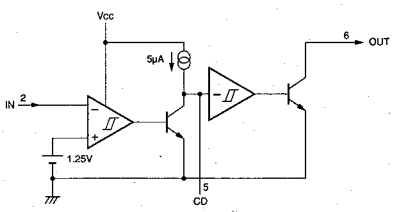
1 ; HIGH LEVEL
0 ; LOW LEVEL
× ; DON'T CARE
HI-Z ; HIGH IMPEDANCE



M51957BFP (MITSUBISHI)FLAT PACKAGE
M51957BFP-600D

VOLTAGE DETECTOR
-TOP VIEW-

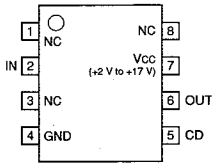


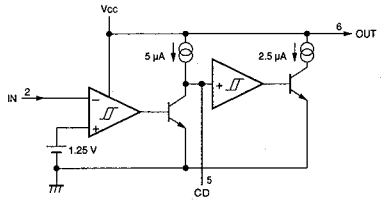


M51958AFP600D (MITSUBISHI)FLAT PACKAGE

VOLTAGE DETECT DELAY

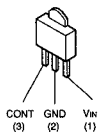
— TOP VIEW —

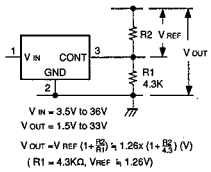




M5237ML-TP1 (MITSUBISHI)

ADJUSTABLE VOLTAGE REGULATOR





V IN = 3.5V to 36V

V OUT = 1.5V to 33V

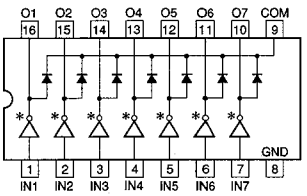
$V_{OUT} = V_{REF}(1+\frac{R2}{R1}) \fallingdotseq 1.26\times(1+\frac{R2}{4.3})$ (V)

(R1 = 4.3KΩ, $V_{REF} \fallingdotseq 1.26$V)

M54523FP (MITSUBISHI)
M54523FP-TP

BIPOLAR TRANSISTOR ARRAY WITH OPEN COLLECTOR

-TOP VIEW-

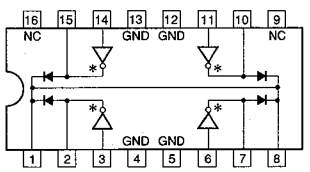


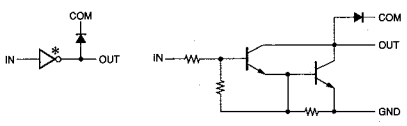
COM : COMMON

M54532P (MITSUBISHI)

DARLINGTON TRANSISTOR ARRAY WITH CLAMP DIODE

-TOP VIEW-

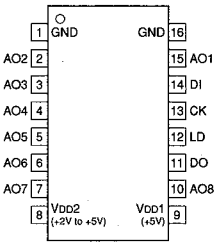


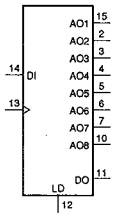


M62353GP (MITSUBISHI)
M62353GP-E2

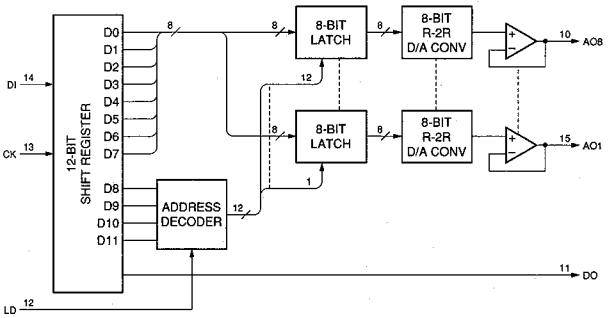
C-MOS 8-BIT × 8 CHANNEL D/A CONVERTER

– TOP VIEW–





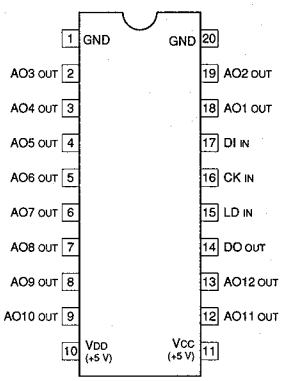
AO1 - AO8 ; 8-BIT D/A OUTPUTS
CK ; CLOCK INPUT
DI ; SERIAL DATA INPUT
DO ; DATA OUTPUT
LD ; DATA LOAD CONTROL INPUT (H : LOAD)

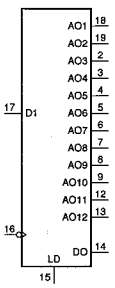


MB88346BPFV (FUJITSU)FLAT PACKAGE(SMALL)
MB88346BPFV-EF

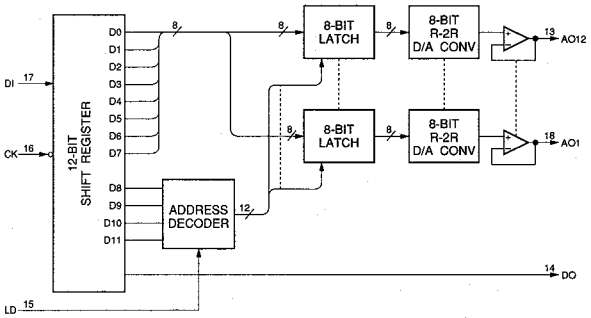
C-MOS 8-BIT D/A CONVERTER

-TOP VIEW-



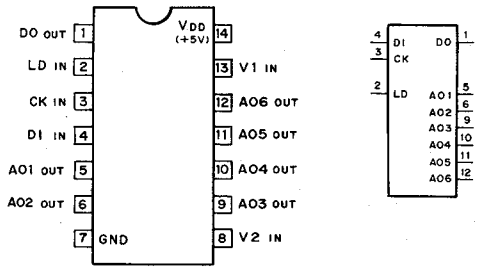


AO1 - AO12 ; 8-BIT D/A OUTPUTS
CK ; CLOCK INPUT
DI ; SERIAL DATA INPUT
DO ; DATA OUTPUT
LD ; DATA LOAD CONTROL INPUT (H ; LOAD)

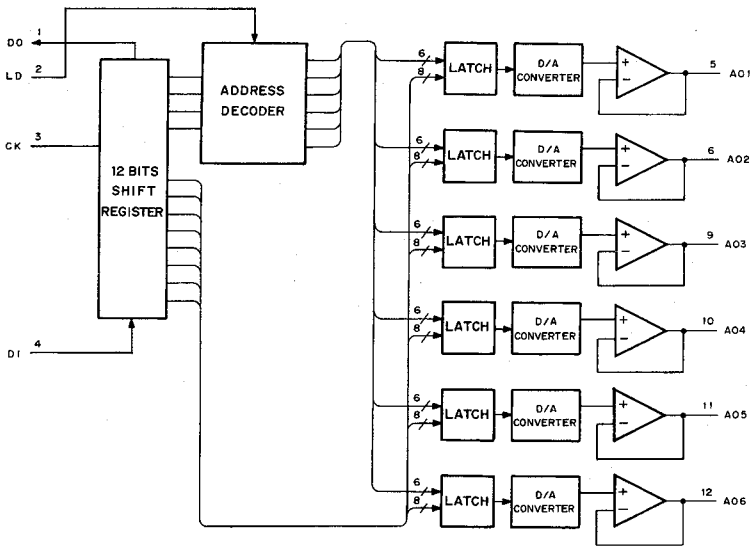


M62354FP (MITSUBISHI)
M62354FP-T2

C-MOS 8 BITS 6 CHANNEL D/A CONVERTER
– TOP VIEW –



AO1 – AO6 ; 8 BITS D/A OUTPUTS
CK ; CLOCK INPUT
DI ; 12 BITS SERIAL DATA INPUT
DO ; BIT DATA OF MSB OF 12 BITS SHIFT REGISTER OUTPUT
LD ; LOAD INPUT
V1 ; REFERENCE VOLTAGE (UPPER) +3.5 to +5 (V_{DD}) V
V2 ; REFERENCE VOLTAGE (LOWER) 0 to +1.5 (V_{DD} – 3.5) V



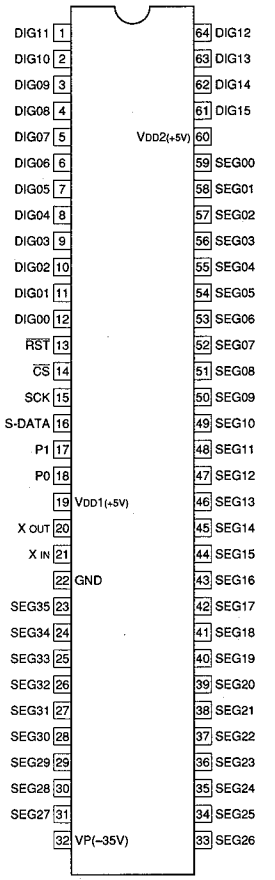
D0	D1	D2	D3	D4	D5	D6	D7	D/A OUTPUT
0	0	0	0	0	0	0	0	(V1 – V2)/256 × 1 + V2
1	0	0	0	0	0	0	0	(V1 – V2)/256 × 2 + V2
0	1	0	0	0	0	0	0	(V1 – V2)/256 × 3 + V2
1	1	0	0	0	0	0	0	(V1 – V2)/256 × 4 + V2
:	:	:	:	:	:	:	:	:
0	1	1	1	1	1	1	1	(V1 – V2)/256 × 255 + V2
1	1	1	1	1	1	1	1	V1

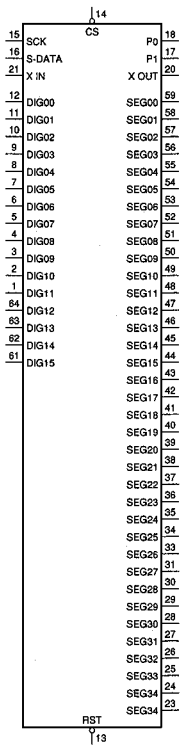
D8	D9	D10	D11	ADDRESS SELECT
0	0	0	0	X
0	0	0	1	A01
0	0	1	0	A02
0	0	1	1	A03
0	1	0	0	A04
0	1	0	1	A05
0	1	1	0	A06
0	1	1	1	X
1	X	X	X	X

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

M66004M6FP200D (MITSUBISHI)

C-MOS 16-DIGIT 5 × 7 SEGMENTS FLUORESCENT DISPLAY CONTROLLER
– TOP VIEW–



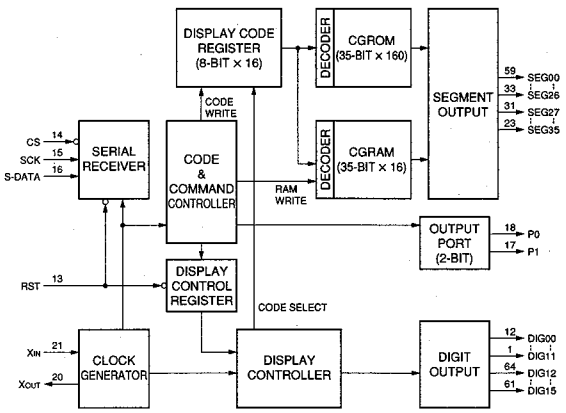


INPUT

$\overline{CS}$	; CHIP SELECT
$\overline{RST}$	; SYSTEM RESET
SCK	; SHIFT CLOCK
S-DATA	; SERIAL DATA
X IN	; CLOCK INPUT

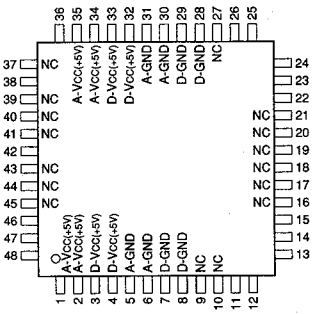
OUTPUT

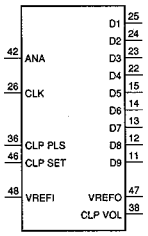
X OUT	; CLOCK OUTPUT
DIG00 - DIG15	; DIGIT OUTPUTS
SEG00 - SEG35	; SEGMENT OUTPUTS
P0, P1	; OUTPUT PORTS



MB40569PFV-ER (FUJITSU)

20 MHz 9-BIT A/D CONVERTER
– TOP VIEW–

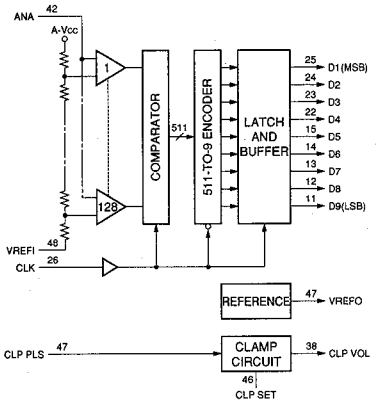




PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	A-Vcc(+5V)	25	O	D1(MSB)
2	—	A-Vcc(+5V)	26	I	CLK
3	—	D-Vcc(+5V)	27	—	NC
4	—	D-Vcc(+5V)	28	—	D-GND
5	—	A-GND	29	—	D-GND
6	—	A-GND	30	—	A-GND
7	—	D-GND	31	—	A-GND
8	—	D-GND	32	—	D-Vcc(+5V)
9	—	NC	33	—	D-Vcc(+5V)
10	—	NC	34	—	A-Vcc(+5V)
11	O	D9(LSB)	35	—	A-Vcc(+5V)
12	O	D8	36	I	CLP PLS
13	O	D7	37	—	NC
14	O	D6	38	O	CLP VOL
15	O	D5	39	—	NC
16	—	NC	40	—	NC
17	—	NC	41	—	NC
18	—	NC	42	I	ANA
19	—	NC	43	—	NC
20	—	NC	44	—	NC
21	—	NC	45	—	NC
22	O	D4	46	I	CLP SET
23	O	D3	47	O	VREFO
24	O	D2	48	I	VREFI

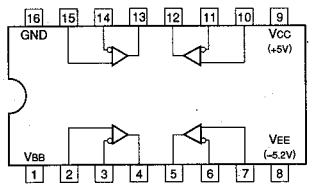
INPUT
ANA ; ANALOG SIGNAL
CLK ; CLOCK
CLP PLS ; CLAMP PULSE
CLP SET ; CLAMP VOLTAGE SETTING
VREFI ; REFERENCE VOLTAGE (+3V)

OUTPUT
CLP VOL ; CLAMP VOLTAGE
D1 - D9 ; DIGITAL SIGNAL (D9 : LSB, D1 : MSB)
VREFO ; REFERENCE VOLTAGE (+3V)



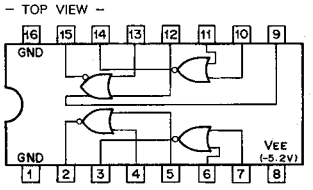
MC10125P (MOTOROLA)
MC10H125M (MOTOROLA)FLAT PACKAGE
MC10H125MEL

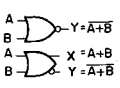
ECL ECL-TO-TTL TRANSLATOR
-TOP VIEW-



MC10H102MEL (MOTOROLA)

ECL 2-INPUT NOR GATE
– TOP VIEW –



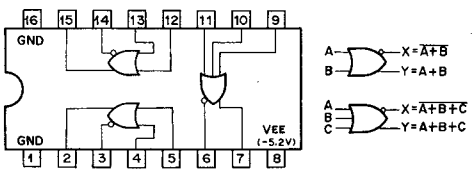


A	B	X	Y
0	0	0	1
0	1	1	0
1	0	1	0
1	1	1	0

0; LOW LEVEL
1; HIGH LEVEL

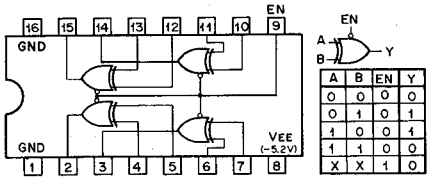
MC10H105MEL (MOTOROLA)

ECL 2-3-2-INPUT OR/NOR GATE
– TOP VIEW –



MC10H113MEL (MOTOROLA)

ECL EXCLUSIVE OR GATE
— TOP VIEW —

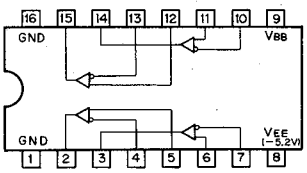


A	B	EN	Y
0	0	0	0
0	1	0	1
1	0	0	1
1	1	0	0
X	X	1	0

0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

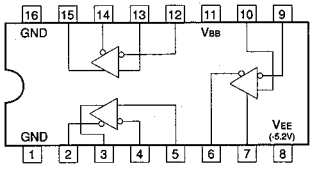
MC10H115MEL (MOTOROLA)

ECL LINE RECEIVER
– TOP VIEW –



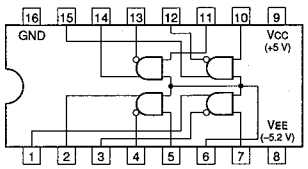
MC10H116M (MOTOROLA)FLAT PACKAGE
MC10H116MEL

ECL TRIPLE DIFFERENTIAL OR/NOR LINE RECEIVERS
–TOP VIEW–



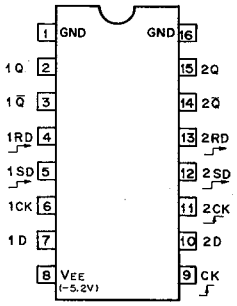
MC10H124M (MOTOROLA)FLAT PACKAGE
MC10H124MEL

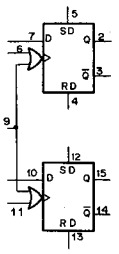
ECL TTL-TO-ECL TRANSLATOR
-TOP VIEW-



MC10H131MEL (MOTOROLA)

ECL D-TYPE FLIP FLOP
– TOP VIEW –



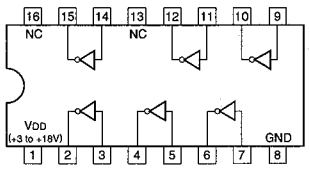


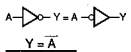
INPUTS				OUTPUTS	
SD	RD	CK	D	Qn+1	Q̄n+1
1	0	X	X	1	0
0	1	X	X	0	1
1	1	X	X	ND	ND
0	0	↓	1	1	0
0	0	↓	0	0	1
0	0	0	X	Qn	Q̄n

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
ND ; NOT DEFINED

MC14049UBF (MOTOROLA)FLAT PACKAGE
MC14049UBFEL

C-MOS INVERTING TYPE BUFFER / CONVERTER
-TOP VIEW-





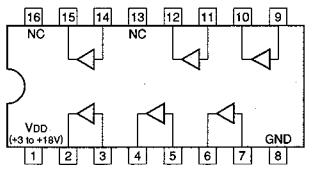
Y = Ā

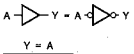
A	Y
0	1
1	0

0 ; LOW LEVEL
1 ; HIGH LEVEL

MC14050BF (MOTOROLA)FLAT PACKAGE
MC14050BFEL

C-MOS NON-INVERTING TYPE BUFFER/CONVERTER
-TOP VIEW-





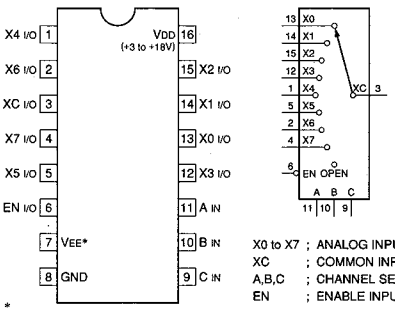
Y = A

A	Y
0	0
1	1

0 ; LOW LEVEL
1 ; HIGH LEVEL

MC14051BF (MOTOROLA)FLAT PACKAGE
MC14051BFEL

C-MOS 8-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER
-TOP VIEW-



* VEE ; VDD–VEE=+3 to +18V

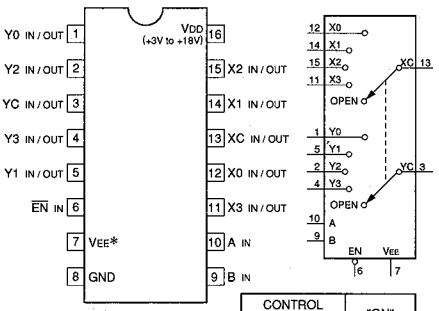
CONTROL INPUTS				SELECTED CHANNEL
EN	SELECT C	B	A	
0	0	0	0	X0
0	0	0	1	X1
0	0	1	0	X2
0	0	1	1	X3
0	1	0	0	X4
0	1	0	1	X5
0	1	1	0	X6
0	1	1	1	X7
1	X	X	X	OPEN

X0 to X7 ; ANALOG INPUTS/OUTPUTS
XC ; COMMON INPUT/OUTPUT
A,B,C ; CHANNEL SELECT INPUT
EN ; ENABLE INPUT

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

MC14052BF (MOTOROLA)FLAT PACKAGE
MC14052BFEL

C-MOS DUAL 4-CHANNEL ANALOG MULTIPLEXERS / DEMULTIPLEXERS
-TOP VIEW-



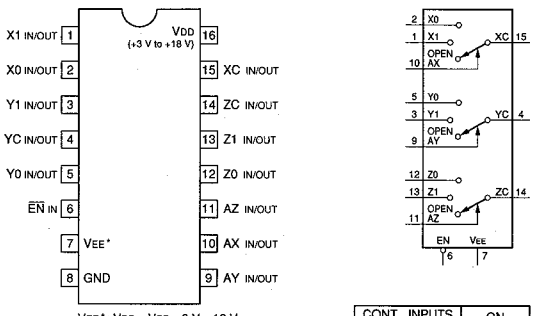
VEE* ; VDD – VEE = +3V to +18V

CONTROL INPUTS			"ON" CHANNEL
EN	B	A	
0	0	0	0
0	0	1	1
0	1	0	2
0	1	1	3
1	X	X	OPEN

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

MC14053BF (MOTOROLA)FLAT PACKAGE
MC14053BFEL

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXERS/DEMULTIPLEXERS
—TOP VIEW—



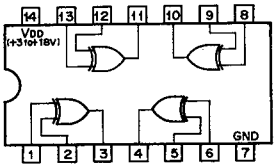
VEE* ; VDD – VEE + 3 V + 18 V

CONT. INPUTS		ON CHANNEL
EN	A (X, Y, Z)	
0	0	0
0	1	1
1	X	OPEN

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

MC14070BFEL (MOTOROLA)

C-MOS QUAD EXCLUSIVE OR GATES
– TOP VIEW –



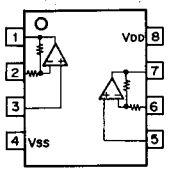
$Y = \overline{A} \cdot B + A \cdot \overline{B}$

A	B	Y
0	0	0
0	1	1
1	0	1
1	1	0

0; LOW LEVEL
1; HIGH LEVEL

MC14576CFEL (MOTOROLA)FLAT PACKAGE

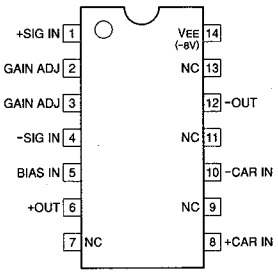
C-MOS DUAL VIDEO AMPLIFIERS
– TOP VIEW –

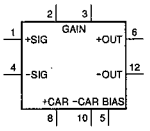


※VDD + | VSS | = +5V to +12V

MC1496M (MOTOROLA)FLAT PACKAGE
MC1496ML2

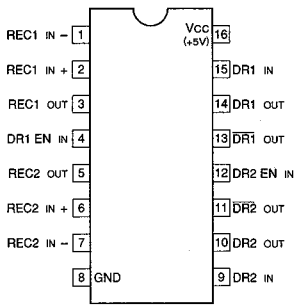
BALANCED MODULATOR/DEMODULATOR
-TOP VIEW-





MC34051MEL (MOTOROLA)

RS-422 DRIVER / RECEIVER
-TOP VIEW-

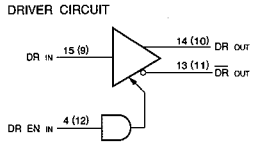


DR EN	MODE
0	DISABLE
1	ENABLE

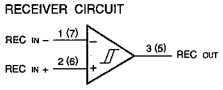
0 ; LOW LEVEL
1 ; HIGH LEVEL

DR ; DRIVER
DR EN ; DRIVER ENABLE
REC ; RECEIVER

DRIVER CIRCUIT

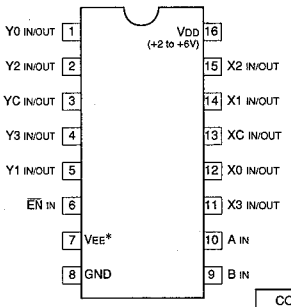


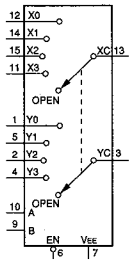
RECEIVER CIRCUIT



MC74HC4052F (MOTOROLA)FLAT PACKAGE
MC74HC4052FEL

C-MOS DUAL 4-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER
-TOP VIEW-





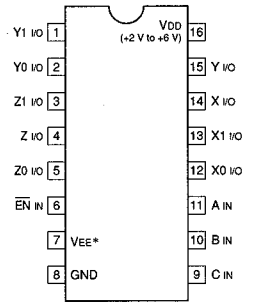
VEE*: VDD–VEE=+3 to +12V

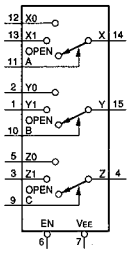
CONTROL INPUTS			"ON" CHANNEL
EN	B	A	
0	0	0	0
0	0	1	1
0	1	0	2
0	1	1	3
1	X	X	OPEN

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

MC74HC4053FEL (MOTOROLA)FLAT PACKAGE

C-MOS TRIPLE 2-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER
-TOP VIEW-





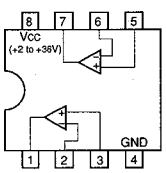
VEE*; VDD – VEE = +3 V to +12 V
VEE ≤ GND

CONTROL INPUTS				ON CHANNEL		
EN	SELECT					
	C	B	A			
0	0	0	0	Z0	Y0	X0
0	0	0	1	Z0	Y0	X1
0	0	1	0	Z0	Y1	X0
0	0	1	1	Z0	Y1	X1
0	1	0	0	Z1	Y0	X0
0	1	0	1	Z1	Y0	X1
0	1	1	0	Z1	Y1	X0
0	1	1	1	Z1	Y1	X1
1	X	X	X	OPEN		

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

NJM2903M (JRC)FLAT PACKAGE
NJM2903M-TE2

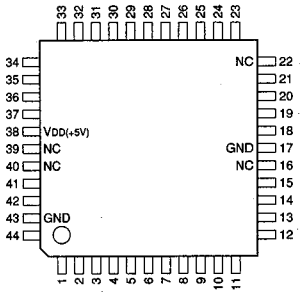
DUAL VOLTAGE COMPARATORS
—TOP VIEW—

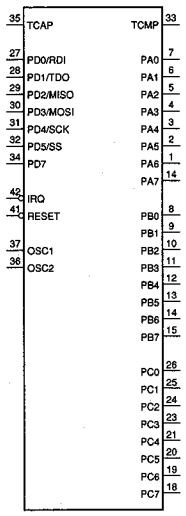


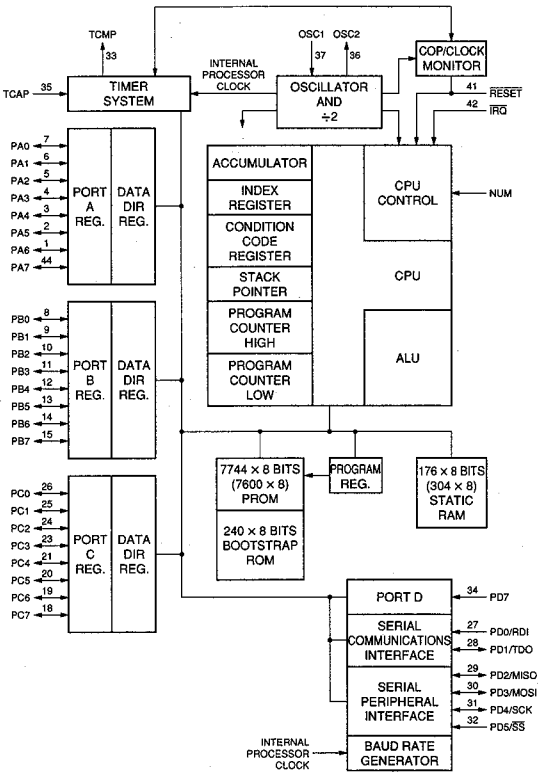
MC68HC705C8AFU (MOTOROLA)

C-MOS MICROCONTROLLER UNIT

– TOP VIEW–







PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I/O	PA6	23	I/O	PC3
2	I/O	PA5	24	I/O	PC2
3	I/O	PA4	25	I/O	PC1
4	I/O	PA3	26	I/O	PC1
5	I/O	PA2	27	I	PD0/RDI
6	I/O	PA1	28	I/O	PD1/TDO
7	I/O	PA0	29	I/O	PD2/MISO
8	I/O	PB0	30	I/O	PD3/MOSI
9	I/O	PB1	31	I/O	PD4/SCK
10	I/O	PB2	32	I	PD5/$\overline{SS}$
11	I/O	PB3	33	O	TCMP
12	I/O	PB4	34	I	PD7
13	I/O	PB5	35	I	TCAP
14	I/O	PB6	36	O	OSC2
15	I/O	PB7	37	I	OSC1
16	—	NC	38	—	VDD(+5V)
17	—	GND	39	—	NC
18	I/O	PC7	40	—	NC
19	I/O	PC6	41	I	$\overline{RESET}$
20	I/O	PC5	42	I	$\overline{IRQ}$
21	I/O	PC4	43	—	GND
22	—	NC	44	I/O	PA7

INPUT

$\overline{IRQ}$	; INTERRUPT REQUEST
OSC1	; OSCILLATOR
PD0 - PD5, PD7	; PROGRAMMABLE D PORT
$\overline{RESET}$	; SYSTEM RESET
RDI	; RECEIVING DATA
SS	; SUB SELECT
TCAP	; CAPTURE FEATURE FOR THE ONE-CHIP PROGRAMMABLE TIMER

OUTPUT

OSC2	; OSCILLATOR
SCK	; SERIAL CLOCK
TCMP	; COMPARE FEATURE OF THE ONE-CHIP TIMER
TDO	; TRANSMISSION DATA

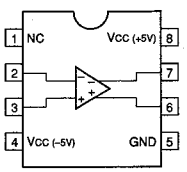
INPUT/OUTPUT

MISO	; MASTER INPUT, SUB OUTPUT
MOSI	; MASTER OUTPUT, SUB INPUT
PA0 - PA6	; PROGRAMMABLE A PORT
PB0 - PB6	; PROGRAMMABLE B PORT
PC0 - PC6	; PROGRAMMABLE C PORT

NJM360M (JRC)FLAT PACKAGE
NJM360M-T2

HIGH SPEED VOLTAGE COMPARATOR

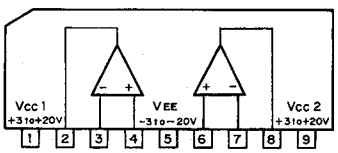
—TOP VIEW—



NJM5532S-D (JRC)

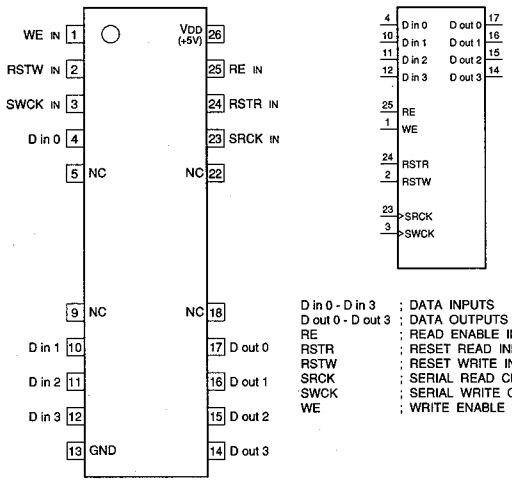
DUAL OPERATIONAL AMPLIFIER

– SIDE VIEW –

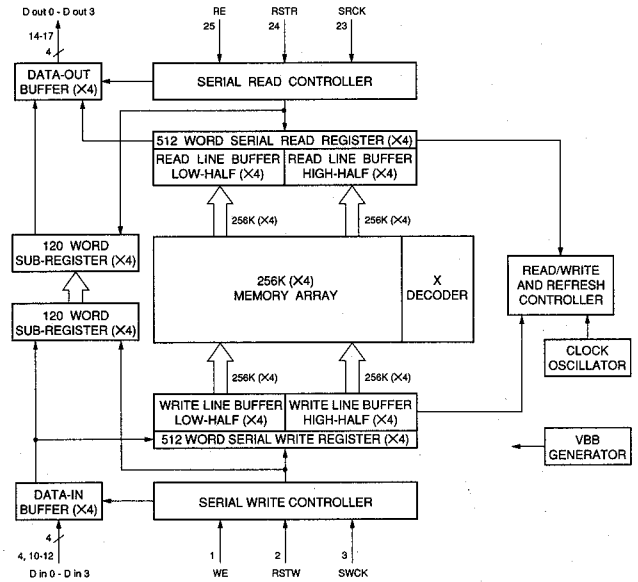


MSM514222B-30GS-KR1 (OKI)CHIP CARRIER

C-MOS 1M (262,263 × 4)-BIT FIELD MEMORY
-TOP VIEW-

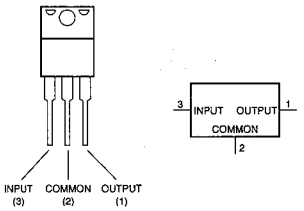


D in 0 - D in 3	;	DATA INPUTS
D out 0 - D out 3	;	DATA OUTPUTS
RE	;	READ ENABLE INPUT
RSTR	;	RESET READ INPUT
RSTW	;	RESET WRITE INPUT
SRCK	;	SERIAL READ CLOCK
SWCK	;	SERIAL WRITE CLOCK
WE	;	WRITE ENABLE INPUT



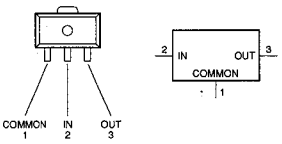
NJM78M09FA (JRC)+9V(0.5 A)

POSITIVE VOLTAGE REGULATOR
—FRONT VIEW—



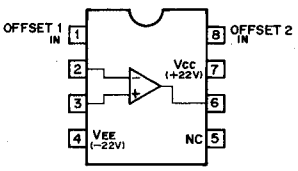
NJM79L09UA(TE1) (JRC)—9V(100 mA)

VOLTAGE REGULATOR



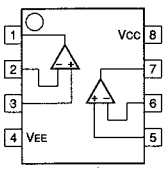
OP-07DPS (TI)FLAT PACKAGE
OP-07DPS-E05

OPERATIONAL AMPLIFIER
— TOP VIEW —



NJM4558M-TE2
NJM5532M (JRC)FLAT PACKAGE
NJM5532M(TE2)
TL062CPS (TI)FLAT PACKAGE
TL062CPS-E05
TL082CPS-E05
TL082M (TI)FLAT PACKAGE
UPC4557C (NEC)
UPC4558G2 (NEC)FLAT PACKAGE
UPC4570G2 (NEC)FLAT PACKAGE
UPC4570G2-E2
UPC812G2 (NEC)FLAT PACKAGE
UPC812G2-E2

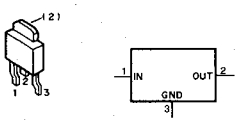
DUAL OPERATIONAL AMPLIFIERS
(DUAL-SUPPLY TYPE)
-TOP VIEW-



TYPE	VCC	VEE
062/072/082/4556A/ M5218/BA15218/ 33178/34182 TYPES	+2 to +16V	−2 to −16V
4580 TYPE	+2 to +18V	−2 to −18V
5532 TYPE	+3 to +20V	−3 to −20V
CXA1297 TYPE	+5 to +12V	−5 to −12V
M5219/M5220 TYPES	+5 to +22.5V	−5 to −22.5V
NJM2100 TYPE	+1 to +3.5V	−1 to −3.5V
OP-297 TYPE	+2 to +20V	−2 to −20V
OTHERS	+5 to +16V	−5 to −16V

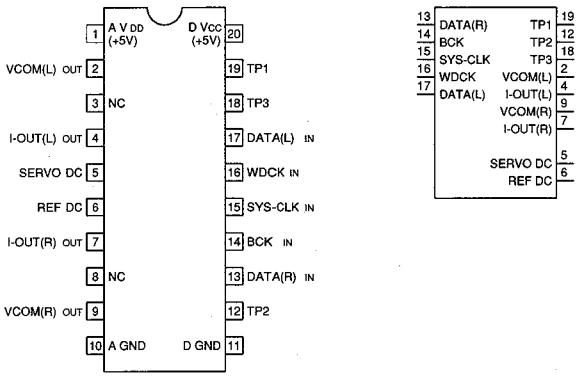
PQ05SZ5U (SHARP)+5V 0.5A

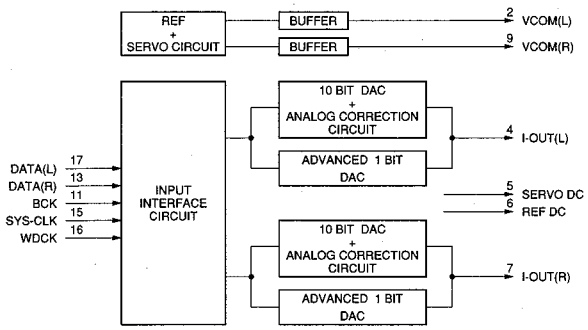
POSITIVE VOLTAGE REGULATOR



PCM69AU-K-T1 (NBB)

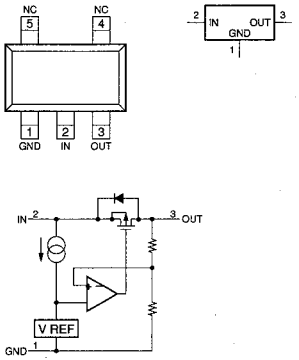
C-MOS DUAL 18-BIT D/A CONVERTER
- TOP VIEW -





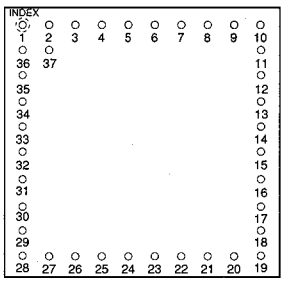
S-81230SG-QB-T1 (SEIKO I&E)

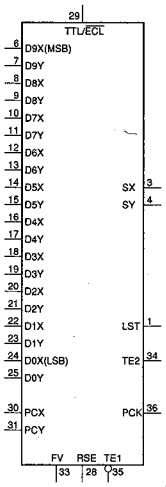
C-MOS VOLTAGE REGULATOR
-TOP VIEW-



SBX1601A (SONY)

8- OR 10-BIT PARALLEL-TO-SERIAL CONVERTER
-BOTTOM VIEW-





INPUT
D9X – D0X, D9Y – D0Y; PARALLEL DATA INPUTS
PCX, PCY ; PARALLEL CLOCK INPUTS
FV ; VCO FREQ. ADJ. INPUT
RSE ; VCO RANGE SELECT INPUT (H : HIGH RANGE)
TE1 ; TEST TERMINAL (LOW = TEST)
TTL/ECL ; VCC FOR INPUT LEVEL SELECT (+5 V = TTL, GND = ECL)

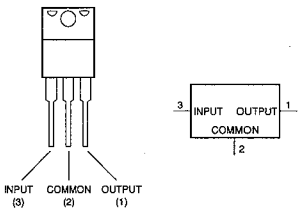
OUTPUT
LST ; PLL LOCK DETECT OUTPUT (H : LOCK)
PCK ; PARALLEL CLOCK OUTPUT
SX, SY ; SERIAL DATA OUTPUTS
TE2 ; TEST TERMINAL

VEE1 = –5 V
VEE2 = –3.5 V

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	LST	11	I	D7Y	21	I	D2Y	31	I	PCY
2	–	GND	12	I	D6X	22	I	D1X	32	–	GND
3	O	SX	13	I	D6Y	23	I	D1Y	33	I	FV
4	O	SY	14	I	D5X	24	I	D0X(LSB)	34	O	TE2
5	–	GND	15	I	D5Y	25	I	D0Y	35	I	TE1
6	I	D9X(MSB)	16	I	D4X	26	–	VEE1	36	O	PCK
7	I	D9Y	17	I	D4Y	27	–	VEE2	37	–	NC
8	I	D8X	18	I	D3X	28	I	RSE			
9	I	D8Y	19	I	D3Y	29	–	TTL/ECL			
10	I	D7X	20	I	D2X	30	I	PCX			

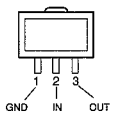
NJM79M09FA
RC79M09FA (RAYTHEON)—9V(0.5 A)

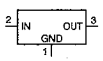
POSITIVE VOLTAGE REGULATOR
—FRONT VIEW—



RH5RE50AA (RICOH)+5.0V
RH5RE50AA-T1

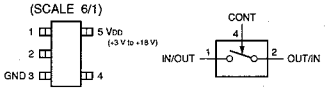
THREE TERMINAL POSITIVE VOLTAGE REGULATOR
—TOP VIEW—





SC14S66F (MOTOROLA)CHIP PACKAGE
SC14S66FER

C-MOS BILATERAL ANALOG SWITCH
—TOP VIEW—



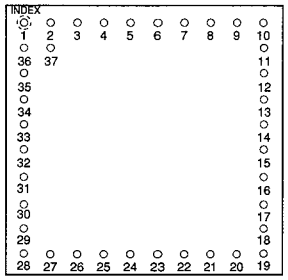
CONT	SWITCH
0	OFF
1	ON

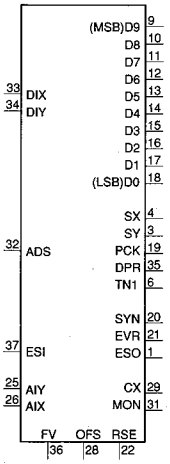
0 ; LOW LEVEL
1 ; HIGH LEVEL

SBX1602A (SONY)

8- OR 10-BIT SERIAL-TO-PARALLEL CONVERTER

-TOP VIEW-





INPUT
ADS : SERIAL DATA SELECT INPUT (H : DIGITAL L : ANALOG)
AIX, AIY : EQUALIZER INPUTS
DIX, DIY : SERIAL DATA INPUTS
ESI : PLL SIGNAL INPUT
OFS : AGC OFFSET ADJ. INPUT
FV : VCO FREQ. ADJ. INPUT
RSE : VCO RANGE SELECT INPUT (H : HIGH RANGE)

OUTPUT
CX : EQUALIZER DETECT OUTPUT (L : NO INPUT)
D9-D0 : PARALLEL DATA OUTPUTS
DPR : SERIAL DATA DETECT OUTPUT (L: NO INPUT)
ESO : TEST NODE PLL ERROR SIGNAL OUTPUT
EVR : REFERENCE VOLTAGE FOR PARALLEL OUTPUT
MON : EQUALIZER MONITOR OUTPUT
PCK : PARALLEL CLOCK OUTPUT
SX,SY : SERIAL DATA OUTPUTS
SYN : TRS DETECT OUTPUT
TN1 : TEST TERMINAL

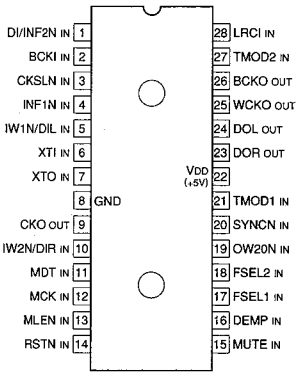
VEE1, 3 = −5V
VEE2 = −3.5V

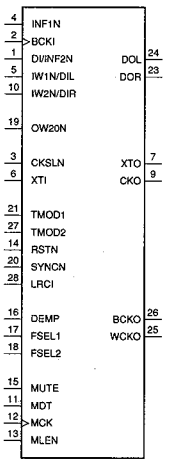
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	O	ESO	11	O	D7	21	O	EVR	31	O	MON
2	–	GND	12	O	D6	22	I	RSE	32	I	ADS
3	O	SY	13	O	D5	23	–	VEE3	33	I	DIX
4	O	SX	14	O	D4	24	–	GND	34	I	DIY
5	–	GND	15	O	D3	25	I	AIY	35	O	DPR
6	O	TN1	16	O	D2	26	I	A IX	36	I	FV
7	–	VEE1	17	O	D1	27	–	GND	37	I	ESI
8	–	VEE2	18	O	D0 (LSB)	28	I	OFS			
9	O	D9 (MSB)	19	O	PCK	29	O	CX			
10	O	D8	20	O	SYN	30	–	GND			

SM5843AS1-E2 (NPC)

C-MOS DIGITAL FILTER

-TOP VIEW-





INPUT
BCKI ; INPUT BIT CLOCK
CKSLN ; INPUT FREQUENCY SELECT (H: 384fs/L: 256fs)
DEMP ; DE-EMPHASIS CONTROL (L: OFF/H: ON)
DI/INF2N ; INPUT DATA (INF1N=L)/INPUT FORMAT SELECT 2 (INF1N=H)
FSEL1,2 ; DE-EMPHASIS SELECT

fs (Hz)		32k	44.1k	48k	TEST MODE
SETTING	FSEL1	H	L	L	H
	FSEL2	H	L	H	L

INF1N ; INPUT FORMAT SELECT 1
IW1N/DIL ; INPUT WORD LENGTH 1 (INF1N=L)/Lch DATA INPUT (TNF1N=H)
IW2N/DIR ; INPUT WORD LENGTH 2 (INF1N=L)/Rch DATA INPUT (TNF1N=H)
LRCI ; SAMPLE RATE CLOCK (fs)
MCK ; ATTENUATION BIT CLOCK
MDT ; ATTENUATION SERIAL DATA
MLEN ; ATTENUATION LATCH CLOCK
MUTE ; MUTE CONTROL
OW20N ; OUTPUT WORD LENGTH

OUTPUT WORD LENGTH (BIT)	18	20
OW20N	H	L

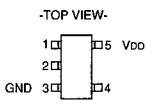
RSTN ; SYSTEM RESET (L: RESET/H: NORMAL)
SYNCN ; SYNC MODE SELECT (L: EXECUTION SYNC MODE/H: JITTER FREE MODE)
TMOD1 ; DITHER ON/OFF SELECT (L: ON/H: OFF)
TMOD2 ; FILTER CHARACTER SELECT
XTI ; OSCILLATOR INPUT

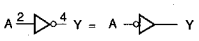
OUTPUT
BCKO ; OUTPUT BIT CLOCK
CKO ; OSCILLATOR OUTPUT CLOCK
DOL ; Lch DATA
DOR ; Rch DATA
WCKO ; OUTPUT WORD CLOCK
XTO ; OSCILLATOR OUTPUT

SC7S04F (MOTOROLA)CHIP PACKAGE
TC4S69F (TOSHIBA)CHIP PACKAGE
TC4S69F(TE85R)
TC7S04F(TE85R)
TC7SH04FU (TOSHIBA)CHIP PACKAGE
TC7SH04FU-TE85R
TC7SHU04FU-TE85R (TOSHIBA)CHIP PACKAGE

C-MOS INVERTER

-TOP VIEW-



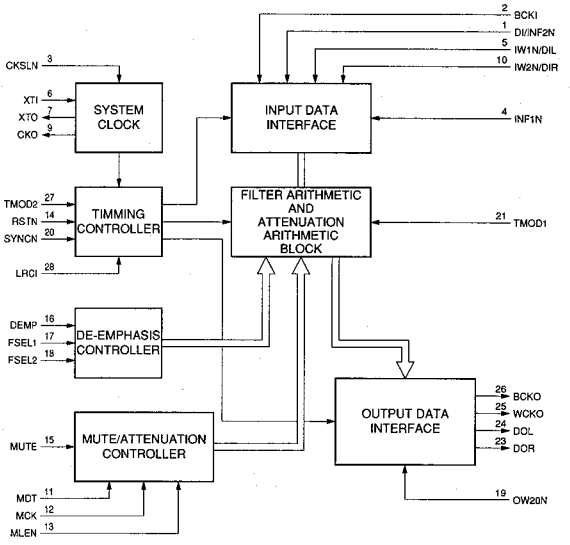


$Y = \overline{A}$

A	Y
0	1
1	0

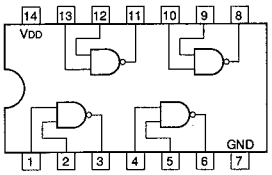
0 ; LOW LEVEL
1 ; HIGH LEVEL

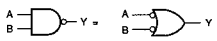
TYPE	VDD
7S04F 7SU04F 7SU04FU	+2 to +6V
4S69F 4SU69F	+3 to +18V
7SH04FU 7SHU04FU	+2 to +5.5V



SN74HC00ANS (TI)FLAT PACKAGE
SN74HC00ANS-E05
TC74VHC00F (TOSHIBA)FLAT PACKAGE
TC74VHC00F(EL)
TC74VHC00FS(EL) (TOSHIBA)FLAT PACKAGE(SMALL)
TC74VHCT00FS

C-MOS QUAD 2-INPUT NAND GATES
-TOP VIEW-





$Y = \overline{A \cdot B} = \overline{A} + \overline{B}$

A	B	Y
0	0	1
0	1	1
1	0	1
1	1	0

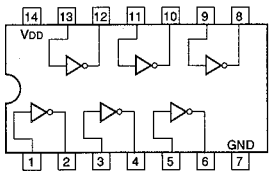
0 ; LOW LEVEL
1 ; HIGH LEVEL

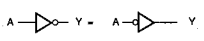
NOTE:

TYPE	VDD
74AC/74VHC	+2 to +5.5V
74ACT/74HCT/74VHCT	+4.5 to +5.5V
LCX	+2 to +3.6V
OTHER TYPES	+2 to +6V

SN74HC04ANS (TI)FLAT PACKAGE
SN74HC04ANS-E05
TC74VHC04F (TOSHIBA)FLAT PACKAGE
TC74VHC04F(EL)
TC74VHC04FS(EL) (TOSHIBA)FLAT PACKAGE(SMALL)

C-MOS HEX INVERTERS
-TOP VIEW-





$Y = \overline{A}$

A	Y
0	1
1	0

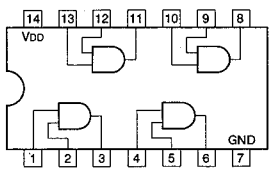
0 ; LOW LEVEL
1 ; HIGH LEVEL

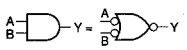
NOTE:

TYPE	VDD
74AC/74VHC/74VHCT	+2 to +5.5V
74ACT/74HCT	+4.5 to +5.5V
74LCX	+2 to +3.6V
OTHER TYPE	+2 to +6V

SN74HC08ANS (TI)FLAT PACKAGE
SN74HC08ANS-E05
TC74VHC08FS(EL) (TOSHIBA)FLAT PACKAGE(SMALL)
TC74VHCT08FS(EL) (TOSHIBA)

C-MOS QUAD 2-INPUT AND GATE
- TOP VIEW -





$Y = A \cdot B = \overline{\overline{A} + \overline{B}}$

A	B	Y
0	0	0
0	1	0
1	0	0
1	1	1

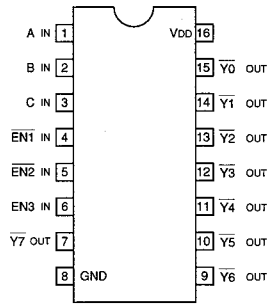
0 ; LOW LEVEL
1 ; HIGH LEVEL

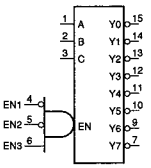
NOTE :

TYPE	VDD
AC	+2 to +5.5V
TC40H	+2 to +8V
ACT/HCT	+5V
OTHER TYPES	+2 to +6V

SN74HC138ANS (TI)FLAT PACKAGE
SN74HC138ANS-E05
TC74VHC138F(EL) (TOSHIBA)

C-MOS 3-TO-8 LINE DECODER / DEMULTIPLEXER
—TOP VIEW—





INPUTS				OUTPUTS							
EN	C	B	A	Y7	Y6	Y5	Y4	Y3	Y2	Y1	Y0
0	X	X	X	1	1	1	1	1	1	1	1
1	0	0	0	1	1	1	1	1	1	1	0
1	0	0	1	1	1	1	1	1	1	0	1
1	0	1	0	1	1	1	1	1	0	1	1
1	0	1	1	1	1	1	1	0	1	1	1
1	1	0	0	1	1	1	0	1	1	1	1
1	1	0	1	1	1	0	1	1	1	1	1
1	1	1	0	1	0	1	1	1	1	1	1
1	1	1	1	0	1	1	1	1	1	1	1

$EN = \overline{EN1} \cdot \overline{EN2} \cdot EN3$

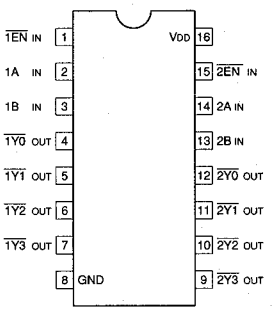
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

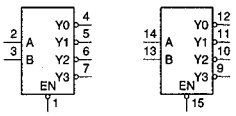
NOTE:

TYPE	VDD
74HCT138 TYPE	+5V
74ACT138 TYPE	+4.5 to +5.5V
TC74AC138 TYPE TC74VHC138	+2 to +5.5V
OTHER TYPES	+2 to +6V

SN74HC139ANS (TI)FLAT PACKAGE
SN74HC139ANS-E05
TC74VHC139F(EL) (TOSHIBA)

C-MOS DUAL 2-TO-4 DECODER/DEMULTIPLEXER
- TOP VIEW -





INPUTS			OUTPUTS			
EN	B	A	Y3	Y2	Y1	Y0
0	0	0	1	1	1	0
0	0	1	1	1	0	1
0	1	0	1	0	1	1
0	1	1	0	1	1	1
1	X	X	1	1	1	1

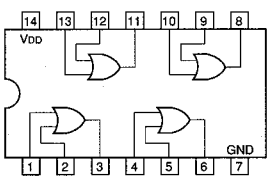
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

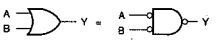
NOTE :

TYPE	VDD
TC74AC/TC74VHC	+2 to +5.5V
HCT/ACT	+5V
OTHER TYPES	+2 to +6V

SN74HC32ANS (TI)FLAT PACKAGE
SN74HC32ANS-E05
TC74VHC32F(EL) (TOSHIBA)

C-MOS QUAD 2-INPUT OR GATES
-TOP VIEW-





$Y = A + B = \overline{\overline{A} \cdot \overline{B}}$

A	B	Y
0	0	0
0	1	1
1	0	1
1	1	1

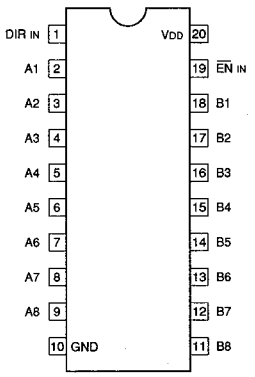
0 ; LOW LEVEL
1 ; HIGH LEVEL

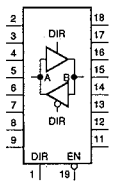
NOTE:

TYPE	VDD
74AC/74VHC	+2 to +5.5V
74HC	+2 to +6V
74HCT	+4.5 to +5.5V

SN74HC245ANS (TI)FLAT PACKAGE
SN74HC245ANS-E05
SN74LVC245ANS-E05 (TI)
SN74LVC245ANS-E20 (TI)
SN74LVC245APW-E05 (TI)
TC74HCT245AF (TOSHIBA)
TC74HCT245AF(EL)
TC74VHC245F(EL) (TOSHIBA)
TC74VHC245FS(EL) (TOSHIBA)FLAT PACKAGE(SMALL)

C-MOS BILATERAL BUS TRANSCEIVERS WITH 3-STATE OUTPUTS
-TOP VIEW-



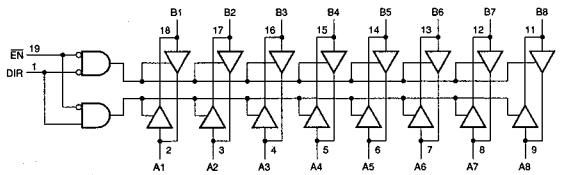


EN	DIR	OPERATION
0	0	B to A
0	1	A to B
1	X	HI-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

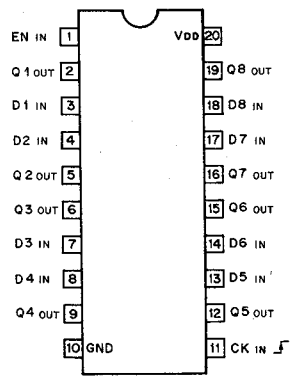
NOTE:

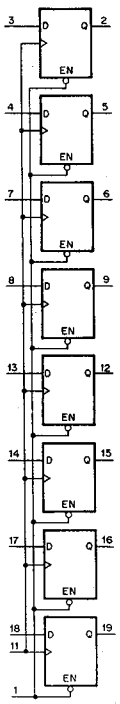
TYPE	VDD
74HC	+2 to +6V
74ABT 74ACT 74BCT 74HCT	+4.5 to +5.5V
74AC 74VHC	+2 to +5.5V
74LCX	+2 to +3.6V
74LVT	+2.7 to +3.6V

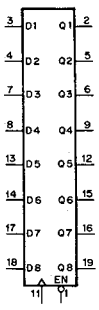


SN74HC377ANS (TI)
SN74HC377ANS-E05

C-MOS OCTAL D-TYPE FLIP-FLOPS WITH ENABLE
– TOP VIEW –







EACH FLIP-FLOP

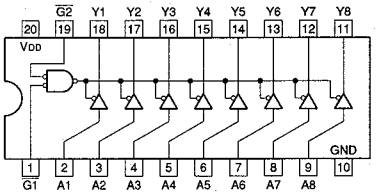
INPUTS			OUT
EN	CK	D	Q
1	X	X	Qo
0	↓	1	1
0	↓	0	0
X	0	X	Qo

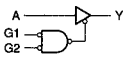
0; LOW LEVEL
1; HIGH LEVEL
X; DON'T CARE

TYPE	VDD
74ACT TYPES 74FCT TYPES	+ 5V
OTHER TYPES	+ 2V to + 6V

SN74HC541ANS (TI)FLAT PACKAGE
SN74HC541ANS-E05
TC74VHC541F (TOSHIBA)FLAT PACKAGE
TC74VHC541F(EL)
TC74VHC541FS(EL) (TOSHIBA)FLAT PACKAGE(SMALL)
TC74VHCT541F (TOSHIBA)FLAT PACKAGE
TC74VHCT541F(EL)
TC74VHCT541FS(EL) (TOSHIBA)FLAT PACKAGE

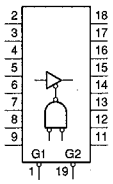
C-MOS BUFFERS AND LINE DRIVERS WITH 3-STATE OUTPUTS
- TOP VIEW -





G1	G2	A	Y
0	0	0	1
0	0	1	0
1	X	X	HI-Z
X	1	X	HI-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

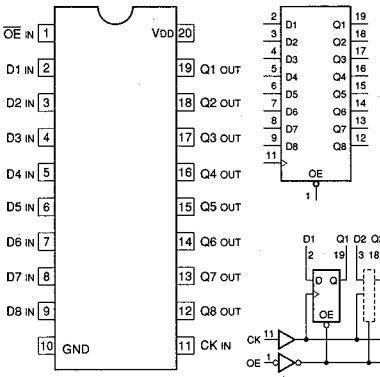


NOTE :

TYPE	VDD
TC74AC/TC74VHC	+2 to +5.5V
ABT/ACT/BCT/HCT/VHCT	+5V
OTHER TYPES	+2 to +6V

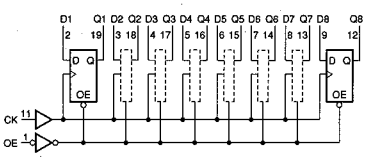
SN74HC573BNS-E05 (TI)FLAT PACKAGE
SN74HC573BPW-E05
SN74HC573BPW-E20 (TI)FLAT PACKAGE

C-MOS 3-STATE OUTPUTS OCTAL LATCH
- TOP VIEW -



INPUT			OUT
OE	CK	D	Q
0	↑	1	1
0	↑	0	0
0	0	X	Qo
1	X	X	HI-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE
Qo ; NO CHANGE

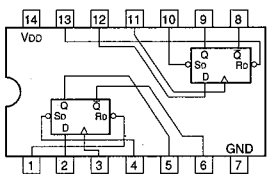


NOTE :

TYPE	VDD
74HC	+2 to +6V
74ABT 74ACT 74HCT/74VHCT	+5V
74AC/74VHC	+2 to +5.5V

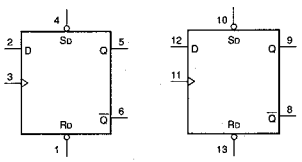
SN74HC74ANS (TI)FLAT PACKAGE
SN74HC74ANS-E05
TC74VHC74FS(EL) (TOSHIBA)FLAT PACKAGE(SMALL)

C-MOS DUAL D-TYPE FLIP-FLOPS WITH DIRECT SET/RESET
-TOP VIEW-



INPUTS				OUTPUTS	
$\overline{SD}$	$\overline{RD}$	CK	D	Qn+1	$\overline{Qn+1}$
0	1	X	X	1	0
1	0	X	X	0	1
0	0	X	X	1	1
1	1	↓	1	1	0
1	1	↓	0	0	1
1	1	0	X	Qn	$\overline{Qn}$

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

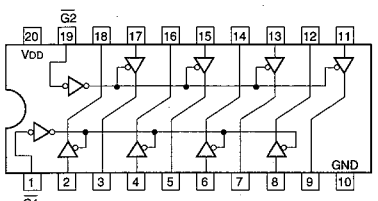


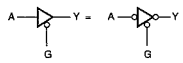
NOTE:

TYPE	VDD
74HCT/74ACT	+4.5 to +5.5V
74LVC	+2.7 to +3.6V
74AC/74VHC	+2 to +5.5V
OTHERS	+2 to +6V

SN74HCT244ANS (TI)FLAT PACKAGE
SN74HCT244ANS-E05

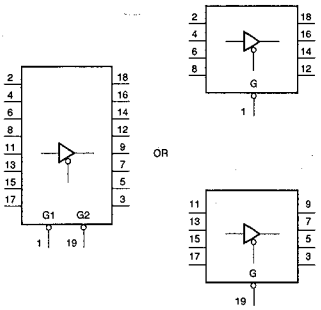
C-MOS BUS BUFFER WITH 3-STATE OUTPUTS
-TOP VIEW-





G	A	Y
0	0	0
0	1	1
X	X	HI-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

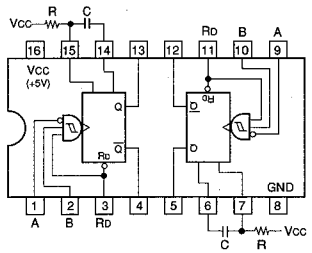


NOTE:

TYPE	VDD
74HC 40H	+2 to +6V
74ACT 74BCT 74FCT 74HCT	+4.5 to +5.5V
74LCX	+2 to +3.6V
74AC/74VHC	+2 to +5.5V

SN74LS221NS-E05 (TI)FLAT PACKAGE

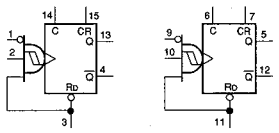
TTL MONOSTABLE MULTIVIBRATOR WITH SCHMITT TRIGGER INPUT
—TOP VIEW—



INPUTS			OUTPUTS	
RD	A	B	Q	Q̄
0	X	X	0	1
X	1	X	0	1
X	X	0	0	1
1	0	↑	⊓	⊔
1	↓	1	⊓	⊔
1	0	1	⊓	⊔

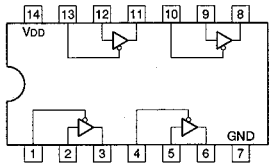
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

OUTPUT PULSE WIDTH = 0.7CR



SN74LVC125PW-E05 (TI)
TC74VHC125F (TOSHIBA)FLAT PACKAGE
TC74VHC125F(EL)
TC74VHC125FS(EL) (TOSHIBA)

C-MOS BUS BUFFER GATES WITH 3-STATE OUTPUT
-TOP VIEW-



G	A	Y
0	0	0
0	1	1
1	X	HI-Z

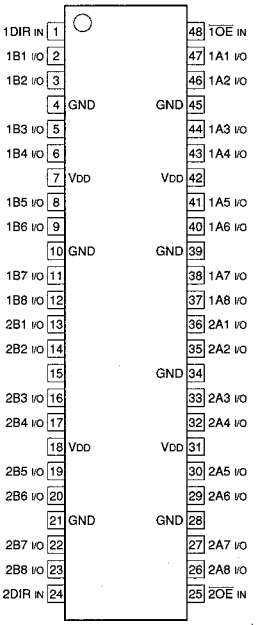
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

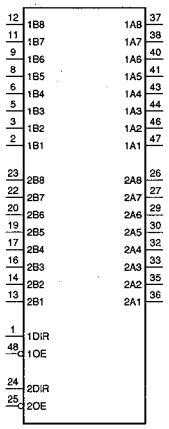
NOTE :

TYPE	VDD
74AC/ 74VHC	+2 to +5.5V
74ACT/74HCT	+4.5 to +5.5V
74LCX	+2 to +3.6V
74LVT/74LVC	+2.7 to +3.6V
OTHER TYPES	+2 to +6V

SN74LVC16245ADGGR (TI)

C-MOS 16-BIT BIDIRECTIONAL TRANSCEIVER
-TOP VIEW-



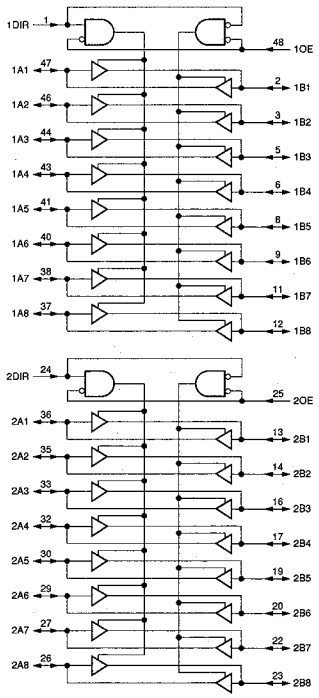


INPUTS		OUTPUTS
xOE	xDIR	
0	0	BUS B DATA TO BUS A
0	1	BUS A DATA TO BUS B
1	X	HI-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE

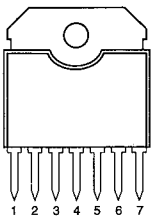
NOTE :

TYPE	VDD
IDT74FCT SN74LVC SN74LVT	+5V
74LCX	+2 to +3.6V



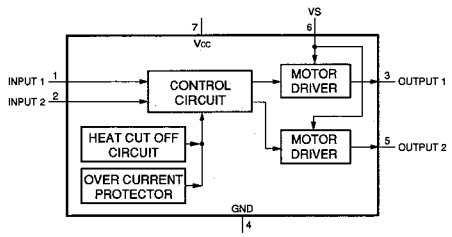
TA7267P (TOSHIBA)

DC MOTOR DRIVER
-PRINTED SIDE VIEW-



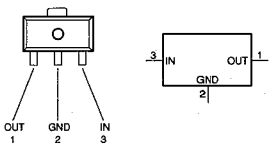
INPUTS		OUTPUTS		MODE
1	2	1	2	
1	1	0	0	BRAKE
0	1	0	1	ROTATION/REV. ROTATION
1	0	1	0	REV. ROTATION/ ROTATION
0	0	HI-Z		STOP

0 ; LOW LEVEL
1 ; HIGH LEVEL
HI-Z ; HIGH IMPEDANCE



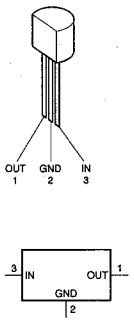
TA78L05F (TOSHIBA)+5V (100mA)
TA78L05F-TE12L

POSITIVE VOLTAGE REGULATOR
-SIDE VIEW-



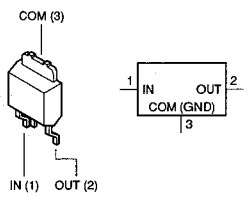
NJM78L09A-T3
TA78L09S (TOSHIBA)+9V(100mA)

POSITIVE VOLTAGE REGULATOR



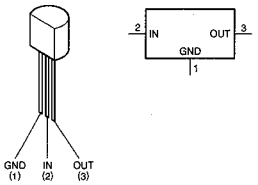
TA78M10F(TE16L) (TOSHIBA)

POSITIVE VOLTAGE REGULATOR (0.5A)



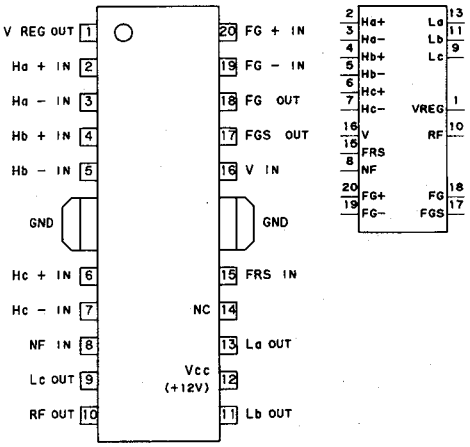
TA79L010P-TPE6 (TOSHIBA) -12V(100MA)

NEGATIVE VOLTAGE REGULATOR



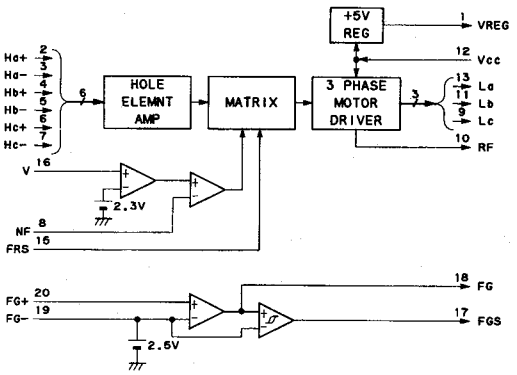
TA8424F(TP2) (TOSHIBA)

MOTOR DRIVER FOR DIRECT CURRENT COMPACT MOTOR
– TOP VIEW –



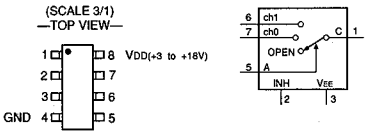
INPUT
FG +/– ;FG INPUT AMP
FRS ;MOTOR ROTATIONAL DIRECTION CONTROL
Ha,Hb,Hc +/– ;HOLE ELEMENT AMP
NF ;FEEDBACK OUTPUT CURRENT
V ;CONTROL VOLTAGE

OUTPUT
FG ;FG GAIN AMP
FGS ;FG HYSTERESIS AMP
La,Lb,Lc ;3 PHASE MOTOR DRIVE
RF ;OUTPUT CURRENT DETECTOR
V REG ;VOLTAGE REGULATOR



TC4W53FU (TOSHIBA)CHIP PACKAGE
TC4W53FU(TE12R)

C-MOS 2-CHANNEL MULTIPLEXER / DEMULTIPLEXER

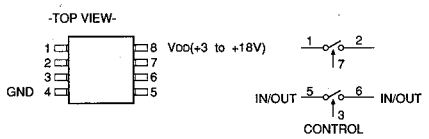


CONT.INPUT		ON
INH	A	CHANNEL
0	0	ch0
0	1	ch1
1	X	OPEN

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

TC4W66FU(TE12R) (TOSHIBA)FLAT PACKAGE

C-MOS DUAL BILATERAL SWITCH



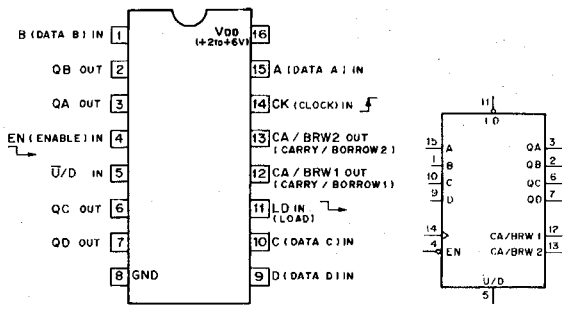
CONTROL	SWITCH
0	OFF
1	ON

0 : LOW LEVEL
1 : HIGH LEVEL

TC74HC191AF (TOSHIBA)FLAT PACKAGE
TC74HC191AF(EL)

C-MOS PRESETTABLE SYNCHRONOUS 4-BIT BINARY UP/DOWN COUNTER

— TOP VIEW —



MODE SELECTION

CONTROL INPUTS			MODE
LD	EN	U/D	
0	X	X	PRESET (ASYNCHRONOUS)
1	1	X	NO COUNT
1	0	0	UP COUNT
1	0	1	DOWN COUNT

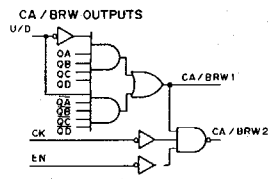
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE.

COUNT SEQUENCE

COUNT	OUTPUTS			
	QD	QC	QB	QA
0	0	0	0	0
1	0	0	0	1
2	0	0	1	0
3	0	0	1	1
4	0	1	0	0
5	0	1	0	1
6	0	1	1	0
7	0	1	1	1
8	1	0	0	0
9	1	0	0	1
10	1	0	1	0
11	1	0	1	1
12	1	1	0	0
13	1	1	0	1
14	1	1	1	0
15	1	1	1	1

UP COUNT — DOWN COUNT

CA / BRW OUTPUTS



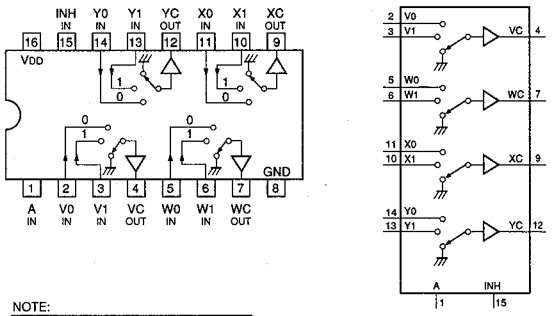
CA/BRW1 OUTPUT IS HIGH WHEN COUNT IS "15" AT UP-COUNT OR WHEN COUNT IS "0" AT DOWN COUNT.

CA/BRW2 OUTPUT IS LOW WHEN BOTH THE CLOCK AND EN INPUTS ARE LOW AND CA/BRW1 OUTPUT IS HIGH.

TC74ACT157FS(EL) (TOSHIBA)FLAT PACKAGE(SMALL)
TC74VHC157F (TOSHIBA)FLAT PACKAGE
TC74VHC157F(EL)

C-MOS QUAD 2-LINE-TO-1-LINE DATA SELECTOR/ DEMULTIPLEXER

—TOP VIEW—



NOTE:

TYPE	VDD
74ACT/74FCT	+5V
TC74AC157P TC74AC157	+2 to +5.5V
TC40H	+2 to +8V
OTHER TYPES	+2 to +6V

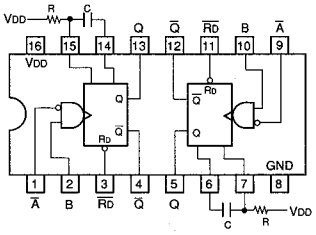
CONT.IN		ON
INH	A	CHANNEL
0	0	0
0	1	1
1	X	GND

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

TC74HC123AF (TOSHIBA)FLAT PACKAGE
TC74HC123AF(EL)

C-MOS DUAL RETRIGGERABLE MONOSTABLE MULTIVIBRATORS

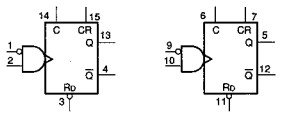
-TOP VIEW-



INPUTS			OUTPUTS	
RD	A	B	Q	Q̄
0	X	X	0	1
1	1	X	0	1
1	X	0	0	1
1	0	↑	⊓	⊓
1	↓	1	⊓	⊓
↓	0	1	⊓	⊓

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

OUTPUT PULSE WIDTH = 0.46 CR



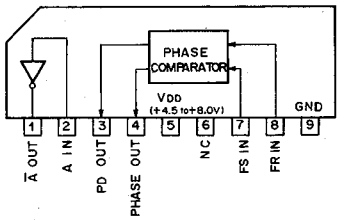
NOTE :

TYPE	VDD
TC74HC123AF	+5V
TC74VHC	+2V to +5.5V
OTHER TYPES	+2V to +6V

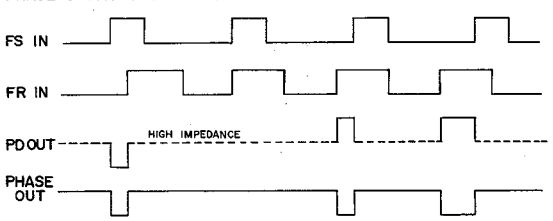
TC5081AP (TOSHIBA)

C-MOS PHASE COMPARATOR

— SIDE VIEW —

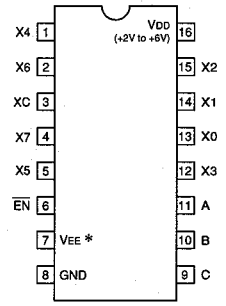


PHASE COMPARATOR TIMING CHART



TC74HC4051AF(EL) (TOSHIBA)

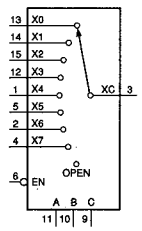
C-MOS 8-CHANNEL ANALOG MULTIPLEXER/DEMULTIPLEXER
—TOP VIEW—



VEE *; VDD - VEE=+3V to +12V

CONTROL INPUTS				SELECTED CHANNEL
EN	SELECT			
	C	B	A	
0	0	0	0	X0
0	0	0	1	X1
0	0	1	0	X2
0	0	1	1	X3
0	1	0	0	X4
0	1	0	1	X5
0	1	1	0	X6
0	1	1	1	X7
1	X	X	X	OPEN

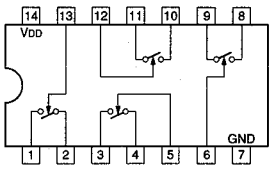
0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

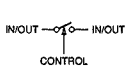


X0-X7 ; ANALOG INPUTS/OUTPUTS
XC ; COMMON INPUT/OUTPUT
A, B, C ; CHANNEL SELECT INPUT
$\overline{EN}$; ENABLE INPUT

TC74HC4066AF(EL) (TOSHIBA)

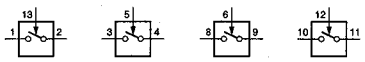
C-MOS BILATERAL ANALOG SWITCH
-TOP VIEW-





CONTROL	SWITCH
0	OFF
1	ON

0 ; LOW LEVEL
1 ; HIGH LEVEL

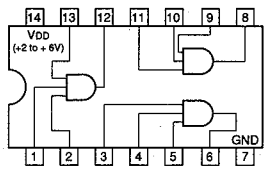


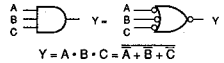
NOTE :

TYPE	VDD
MC74HC4066N	+3 to +12V
TC74HC4066AFS	+2 to +12V
OTHER TYPES	+2 to +6V

TC74VHC11F (TOSHIBA)FLAT PACKAGE
TC74VHC11F(EL)

C-MOS 3-INPUT POSITIVE-AND GATE
—TOP VIEW—





A	B	C	Y
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	0
1	0	0	0
1	0	1	0
1	1	0	0
1	1	1	1

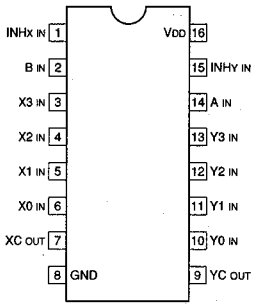
0 ; LOW LEVEL
1 ; HIGH LEVEL

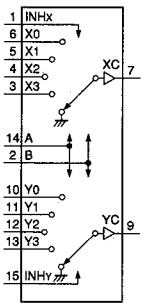
NOTE:

TYPE	VDD
TC74VHC11	+2V to + 5.5V
OTHER TYPES	+2V to + 6V

TC74VHC153FS(EL) (TOSHIBA)FLAT PACKAGE

C-MOS DUAL 4-LINE-TO-1-LINE DATA SELECTOR/MULTIPLEXER
-TOP VIEW-





NOTE:

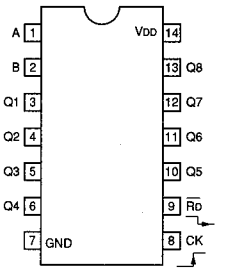
TYPE	VDD
ACT/HCT/FCT	+5V
40H	+2 to +8V
TC74AC/TC74VHC	+2 to +5.5V
OTHER TYPES	+2 to +6V

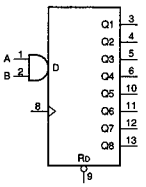
CONTROL IN			ON
INH	B	A	CHANNEL
0	0	0	0
0	0	1	1
0	1	0	2
0	1	1	3
1	X	X	GND

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

TC74VHC164F (TOSHIBA)FLAT PACKAGE
TC74VHC164F(EL)

C-MOS 8-BIT SERIAL-IN/PARALLEL-OUT SHIFT REGISTER
—TOP VIEW—



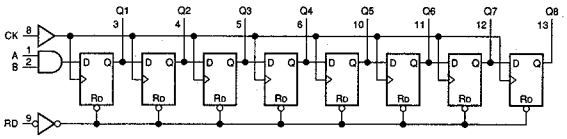


INPUTS				OUTPUTS			
$\overline{Rb}$	CK	A	B	Q1	Q2	---	Q8
0	X	X	X	0	0	0	0
1	0	X	X	Q1o	Q2o	---	Q8o
1	↑	1	1	1	Q1n	---	Q7n
1	↑	0	X	0	Q1n	---	Q7n
1	↑	X	0	0	Q1n	---	Q7n

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

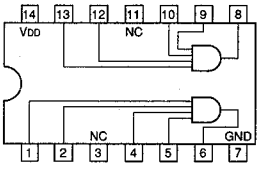
NOTE:

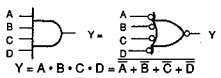
TYPE	VDD
AC/VHC	+2 to +5.5 V
HC	+2 to +6 V
HCT	+5 V



TC74VHC21F (TOSHIBA)FLAT PACKAGE
TC74VHC21F(EL)

C-MOS DUAL 4-INPUT POSITIVE AND GATE
—TOP VIEW—





A	B	C	D	Y
0	0	0	0	0
0	0	0	1	0
0	0	1	0	0
0	0	1	1	0
0	1	0	0	0
⋮	⋮	⋮	⋮	⋮
1	1	0	1	0
1	1	1	0	0
1	1	1	1	1

0 ; LOW LEVEL
1 ; HIGH LEVEL

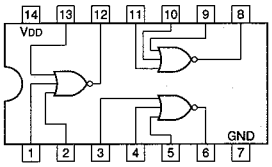
NOTE:

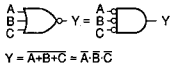
TYPE	VDD
HC	+2V to + 6V
VHC	+2V to + 5.5V

TC74VHC27F(EL) (TOSHIBA)

C-MOS 3-LINE POSITIVE-NOR GATE

-TOP VIEW-





$Y = \overline{A+B+C} = \overline{A} \cdot \overline{B} \cdot \overline{C}$

A	B	C	Y
0	0	0	1
0	0	1	0
0	1	0	0
0	1	1	0
1	0	0	0
1	0	1	0
1	1	0	0
1	1	1	0

0 ; LOW LEVEL
1 ; HIGH LEVEL

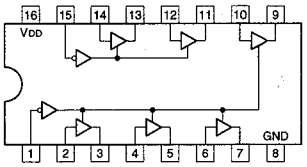
NOTE :

TYPE	VDD
TC40H	+2 to +8V
OTHERS	+2 to +6V

TC74VHC367F (TOSHIBA)FLAT PACKAGE
TC74VHC367F(EL)

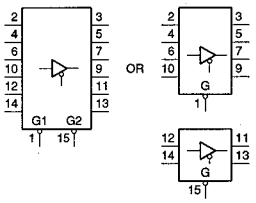
C-MOS BUS DRIVER WITH 3-STATE OUTPUTS

- TOP VIEW -



G	A	Y
0	0	0
0	1	1
1	X	HI-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE



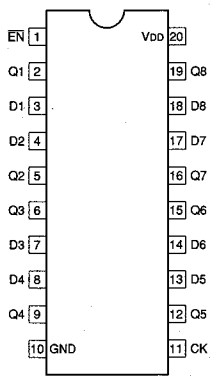
NOTE :

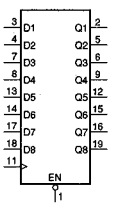
TYPE	VDD
TC74AC/TC74VHC	+2 to +5.5V
OTHER TYPES	+2 to +6V

TC74VHC374F (TOSHIBA)FLAT PACKAGE
TC74VHC374F(EL)

C-MOS 3-STATE OCTAL D-TYPE FLIP-FLOP

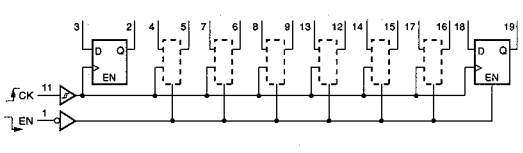
-TOP VIEW-





INPUTS			OUT
EN	D	CK	
0	1	↑	1
0	0	↑	0
0	X	0	Q0
1	X	X	HI-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE



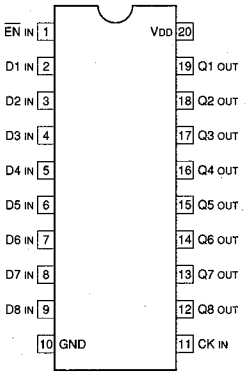
NOTE :

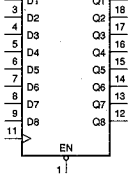
TYPE	VDD
74AC/74HC	+2 to +6V
74ACT/74BCT/74FCT /74HCT	+5V
74VHC	+2 to +5.5V

TC74VHC574F (TOSHIBA)FLAT PACKAGE
TC74VHC574F(EL)
TC74VHC574FS(EL) (TOSHIBA)FLAT PACKAGE(SMALL)

C-MOS 3-STATE D-TYPE EDGE-TRIGGERED FLIP-FLOP

-TOP VIEW-

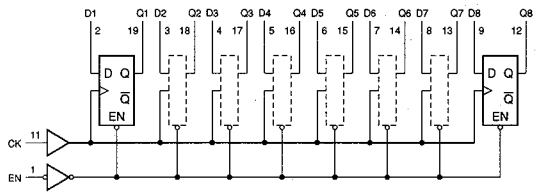




EACH FLIP-FLOP

INPUTS			OUT
EN	CK	D	Q
0	↑	1	1
0	↑	0	0
0	↓	X	Q0
1	X	X	HI-Z

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE
HI-Z ; HIGH IMPEDANCE
Q0 ; NO CHANGE



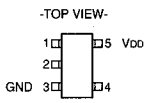
NOTE;

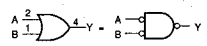
TYPE	VDD
74HC	+2 to +6V
74AC/74VHC	+2 to +5.5V
74ACT/74FCT/74HCT	+4.5 to +5.5V
74LCX	+2 to 3.6V
74LVC	+2.7 to 3.6V

TC7S32FU(TE85R) (TOSHIBA)FLAT PACKAGE
TC7SH32FU-TE85R (TOSHIBA)FLAT PACKAGE

C-MOS 2-INPUT OR GATE

-TOP VIEW-





$Y = A + B = \overline{\overline{A} \cdot \overline{B}}$

A	B	Y
0	0	0
0	1	1
1	0	1
1	1	1

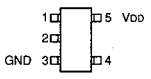
0 ; LOW LEVEL
1 ; HIGH LEVEL

TYPE	VDD
7S32F 7S32FU	+2 to +6V
4S71F	+3 to +18V
7SH32FU	+2 to +5.5V

TC7S86F(TE85R)
TC7S86F-TE85L (TOSHIBA)FLAT PACKAGE

C-MOS 2-INPUT EXCLUSIVE OR GATE

(SCALE 6/1)
—TOP VIEW—



$Y = \overline{A} \cdot B + A \cdot \overline{B}$

A	B	Y
0	0	0
0	1	1
1	0	1
1	1	0

0 ; LOW LEVEL
1 ; HIGH LEVEL

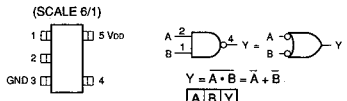
TYPE	VDD
7S86FU 7S86F	+2 to +6V
4S30F	+3 to +18V

TC7SH00FU-TE85R (TOSHIBA)FLAT PACKAGE

C-MOS 2-INPUT NAND GATE

—TOP VIEW—

(SCALE 6/1)



A	B	Y
0	0	1
0	1	1
1	0	1
1	1	0

0 ; LOW LEVEL
1 ; HIGH LEVEL

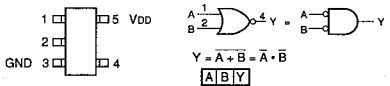
TYPE	VDD
7S00F 7S00FU	+2 to +6 V
4S11F 4SU11F	+3 to +18 V
7SH00FU	+2 to +5.5 V

TC7SH02FU (TOSHIBA)CHIP PACKAGE
TC7SH02FU-TE85R

C-MOS 2-INPUT NOR GATE

(SCALE 6/1)

—TOP VIEW—



A	B	Y
0	0	1
0	1	0
1	0	0
1	1	0

0 ; LOW LEVEL
1 ; HIGH LEVEL

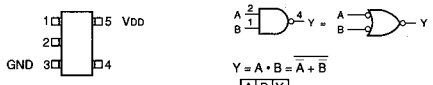
TYPE	VDD
4S01F	+3 to +18V
7S02F 7S02FU 7SH02FU	+2 to +6V

TC7SH08FU-TE85R (TOSHIBA)CHIP PACKAGE

C-MOS 2-INPUT AND GATE

(SCALE 6/1)

—TOP VIEW—



A	B	Y
0	0	0
0	1	0
1	0	0
1	1	1

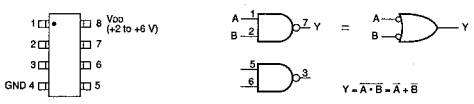
0 ; LOW LEVEL
1 ; HIGH LEVEL

TYPE	VDD
7S08F 7S08FU	+2 to +6V
4S81F 14S81F	+3 to +18V
7SH08FU	−2 to +5.5V

TC7W00F(TE12R) (TOSHIBA)CHIP PACKAGE

C-MOS DUAL 2-INPUT NAND GATE

-TOP VIEW-



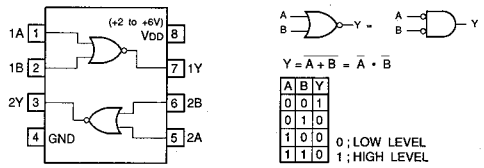
A	B	Y
0	0	1
0	1	1
1	0	1
1	1	0

0; LOW LEVEL
1; HIGH LEVEL

TC7W02F (TOSHIBA)FLAT PACKAGE
TC7W02FU(TE12R)

C-MOS DUAL 2-INPUT NOR GATE

—TOP VIEW—



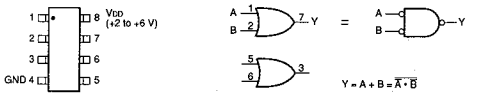
A	B	Y
0	0	1
0	1	0
1	0	0
1	1	0

0 ; LOW LEVEL
1 ; HIGH LEVEL

TC7W32FU (TOSHIBA)CHIP PACKAGE
TC7W32FU(TE12R)

C-MOS DUAL 2-INPUT OR GATE

—TOP VIEW—



A	B	Y
0	0	0
0	1	1
1	0	1
1	1	1

0; LOW LEVEL
1; HIGH LEVEL

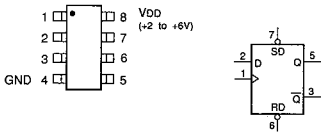
TC7W74FU (TOSHIBA)CHIP PACKAGE
TC7W74FU(TE12R)

C-MOS D-TYPE FLIP-FLOPS WITH DIRECT SET / RESET

—TOP VIEW—

(SCALE 3/1)

—TOP VIEW—



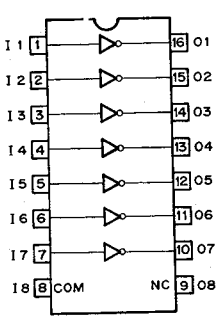
INPUTS				OUTPUTS	
$\overline{SD}$	$\overline{RD}$	CK	D	Qn+1	$\overline{Qn+1}$
0	1	X	X	1	0
1	0	X	X	0	1
0	0	X	X	1	1
1	1	↓	1	1	0
1	1	↓	0	0	1
1	1	↑	X	Qn	$\overline{Qn}$

0 ; LOW LEVEL
1 ; HIGH LEVEL
X ; DON'T CARE

TD62504F(EL)
TD62504F-TEL (TOSHIBA)

SINGLE DRIVER

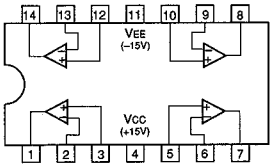
— TOP VIEW —



I1 − I8 ; IN
O1 − O8 ; OUT

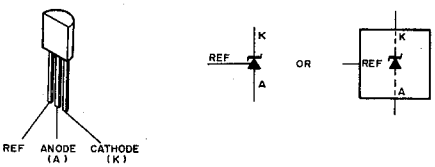
TL084CPW-E20 (TI)FLAT PACKAGE

OPERATIONAL AMPLIFIER
(J FET INPUT)
—TOP VIEW—



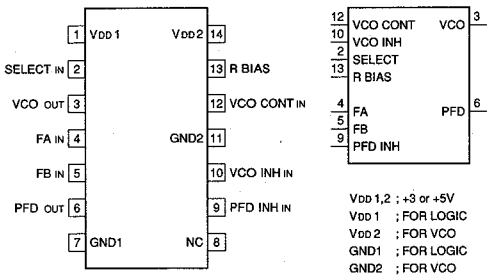
TL431CLP (TI)
TL431CLP-Z

ADJUSTABLE PRECISION SHUNT REGULATOR



TLC2932IPW-E20 (TI)

C-MOS VCO AND PHASE FREQUENCY DETECTOR
- TOP VIEW -

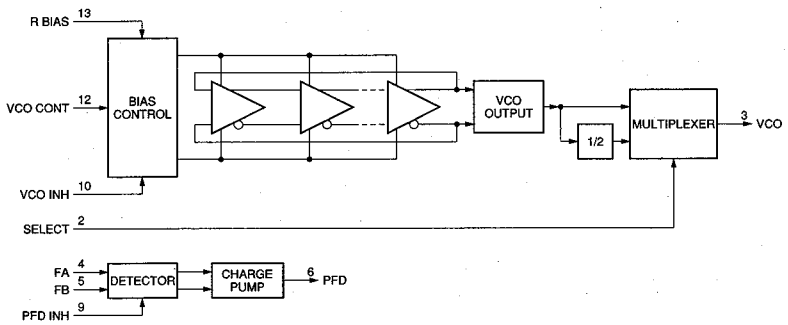


VDD1,2 ; +3 or +5V
VDD1 ; FOR LOGIC
VDD2 ; FOR VCO
GND1 ; FOR LOGIC
GND2 ; FOR VCO

INPUT
FA ; REFERENCE FREQUENCY
FB ; INPUT FREQUENCY FROM OUTSIDE COUNTER
PFD INH ; PFD INHIBIT
SELECT ; VCO OUTPUT FREQUENCY SELECT
VCO CONT ; VCO CONTROL VOLTAGE
VCO INH ; VCO INHIBIT

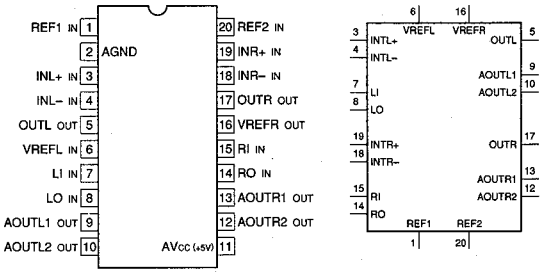
OUTPUT
PFD ; PHASE FREQUENCY DETECTOR
VCO ; VOLTAGE CONTROLLED OSCILLATOR

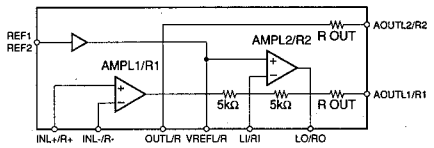
OTHER
R BIAS ; BIAS RESISTOR FOR VCO OSCILLATION FREQUENCY SETTING

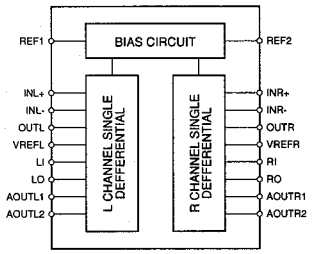


TL32088CNS-E20 (TI)

PRE-AMP (FOR AUDIO 2 CH A/D CONVERTER)
-TOP VIEW-

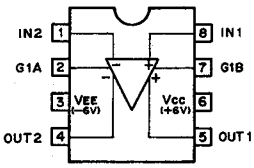






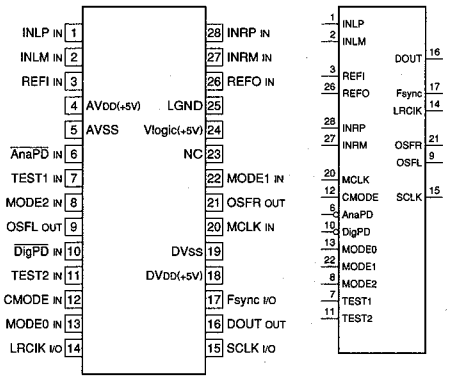
UPC1663G (NEC)FLAT PACKAGE
UPC1663G-E2

WIDEBAND VIDEO AMPLIFIER
– TOP VIEW –



TLC320AD58CDWR (TI)

2CH AUDIO A/D CONVERTER
-TOP VIEW-



INPUT

AnaPD	; ANALOG POWER DOWN MODE
CMODE	; CLOCK MODE
DigPD	; DIGITAL POWER DOWN MODE
INLM	; L-CH INV ANALOG INPUT
INLP	; L-CH NONINV ANALOG INPUT
INRM	; R-CH INV ANALOG INPUT
INRP	; R-CH NONINVE ANALOG INPUT
MCLK	; MASTER CLOCK
MODE0-MODE2	; SIRIAL MODE
REFI	; REFERENCE VOLTAGE INPUT
REFO	; INTERNAL REFERENCE VOLTAGE POWER
TEST1, TEST2	; TEST MODE

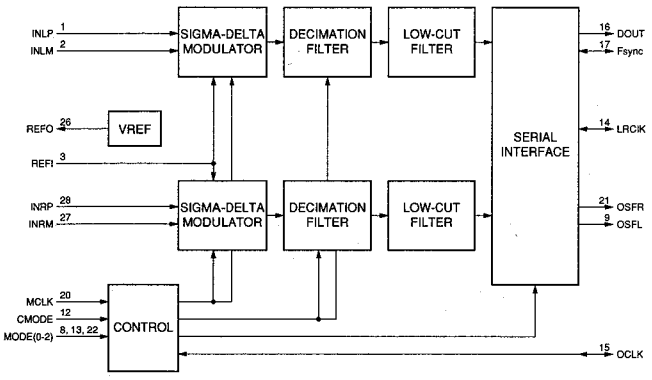
MODE 0	1	2	MASTER /SLAVE	bit	MSB/LSB FIRST
0	0	0	SLAVE	16	MSB
0	0	1	SLAVE	18	LSB
0	1	0	SLAVE	18	MSB
0	1	1	MASTER	16	MSB
1	0	0	MASTER	18	MSB
1	0	1	MASTER	18	LSB
1	1	0	MASTER	16	MSB
1	1	1	MASTER	16	LSB

OUTPUT

DOUT	; DATA
OSFL/R	; L/R-CH OVER SCALE FLAG

INPUT/OUTPUT

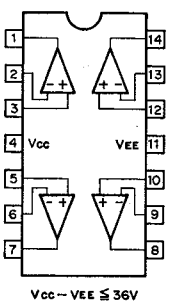
Fsync	; FRAME SYNCHRONOUS
LRCIK	; LR CLOCK
SCLK	; SHIFT CLOCK



UPC4574G2 (NEC)
UPC4574G2-T2

QUAD OPERATIONAL AMPLIFIER

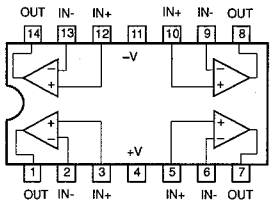
– TOP VIEW –



Vcc – VEE ≦ 36V

UPC324G2 (NEC)FLAT PACKAGE
UPC324G2-E2

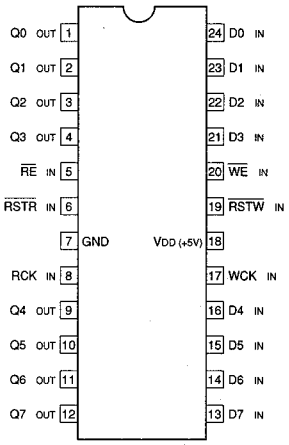
QUAD OPERATIONAL AMPLIFIERS
–TOP VIEW–

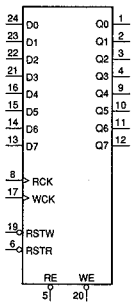


	+V	–V
SINGLE SUPPLY	+3 to +32 V	GND
DUAL SUPPLIES	+1.5 to +16 V	–1.5 to –16 V

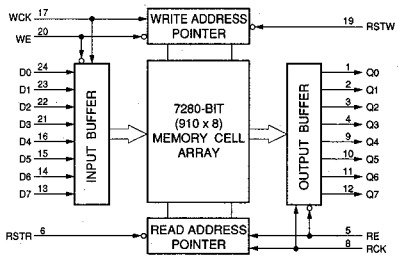
UPD42101G-3 (NEC)FLAT PACKAGE
UPD42101G-3-E2

C-MOS 7K (910 x 8)-BIT FIFO MEMORY
—TOP VIEW—



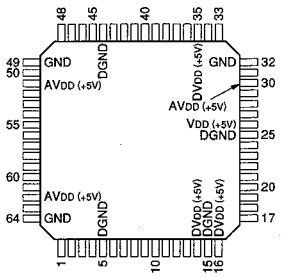


D0 –D7 ; DATA INPUTS
Q0 –Q7 ; DATA OUTPUTS
WCK ; WRITE CLOCK INPUT
RCK ; READ CLOCK INPUT
WE ; WRITE ENABLE INPUT
RE ; READ ENABLE INPUT
RSTW ; RESET WRITE INPUT
RSTR ; RESET READ INPUT



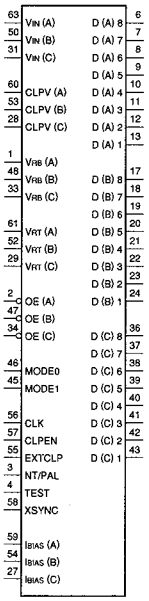
TLC5733IPM (TI)

C-MOS 8-BIT 3CHANNEL SEMI-FLASH A/D CONVERTER
-TOP VIEW-



(DVDD, AVDD = +5 V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	VRB (A)	14	—	DVDD (QA)	27	—	IBIAS (C)	40	O	D (C) 4	53	I	CLPV (B)
2	I	$\overline{OE}$ (A)	15	—	DGND (QB)	28	I	CLPV (C)	41	O	D (C) 3	54	—	IBIAS (B)
3	I	NT/PAL	16	—	DVDD (QB)	29	I	VRT (C)	42	O	D (C) 2	55	I	EXTCLP
4	I	TEST	17	O	D (B) 8	30	—	AVDD (C)	43	O	D (C) 1	56	I	CLK
5	—	DGND (QA)	18	O	D (B) 7	31	I	VIN (C)	44	—	DGND (QC)	57	I	CLPEN
6	O	D (A) 8	19	O	D (B) 6	32	—	GND (C)	45	I	MODE1	58	I	XSYNC
7	O	D (A) 7	20	O	D (B) 5	33	I	VRB (C)	46	I	MODE0	59	—	IBIAS (A)
8	O	D (A) 6	21	O	D (B) 4	34	I	$\overline{OE}$ (C)	47	I	$\overline{OE}$ (B)	60	I	CLPV (A)
9	O	D (A) 5	22	O	D (B) 3	35	—	DVDD (QC)	48	I	VRB (B)	61	I	VRT (A)
10	O	D (A) 4	23	O	D (B) 2	36	O	D (C) 8	49	—	GND (B)	62	—	AVDD (A)
11	O	D (A) 3	24	O	D (B) 1	37	O	D (C) 7	50	I	VIN (B)	63	I	VIN (A)
12	O	D (A) 2	25	—	DGND	38	O	D (C) 6	51	—	AVDD (B)	64	—	GND (A)
13	O	D (A) 1	26	—	DVDD	39	O	D (C) 5	52	I	VRT (B)			



INPUT

CLK	; CLOCK
CLPEN	; CLAMP ENABLE FOR INTERNAL CLAMP CIRCUIT
CLPV (A) - CLPV (C)	; CLAMPING LEVEL OF ADC
EXTCLP	; EXTERNAL CLAMP PULSE
MODE0, MODE1	; OUTPUT FORMAT MODE SELECT
NT/$\overline{PAL}$	; NTSC/PAL CONTROL (NTSC = 0, PAL = 1)
$\overline{OE}$ (A) - $\overline{OE}$ (C)	; OUTPUT ENABLE OF DATA
TEST	; TEST = 1, DEVICE = 0
VIN (A) - VIN (C)	; ANALOG INPUT OF ADC
VRB (A) - VRB (C)	; REFERENCE VOLTAGE BOTTOM OF ADC
VRT (A) - VRT (C)	; REFERENCE VOLTAGE TOP OF ADC
XSYNC	; OUTPUT SYNCHRONOUS

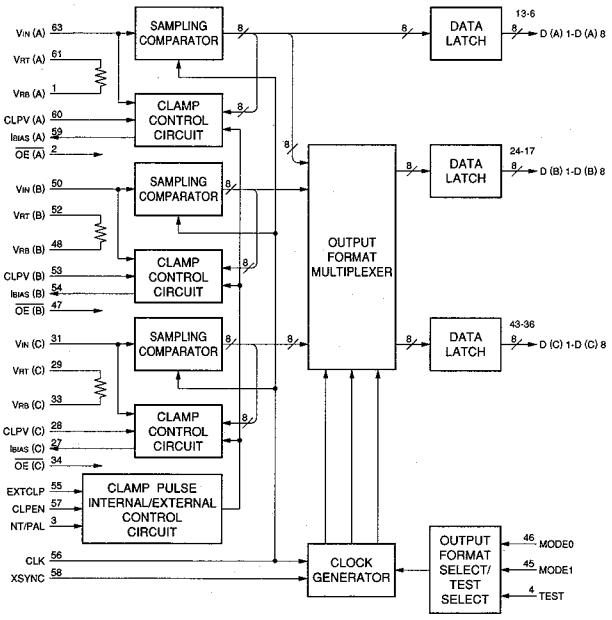
OUTPUT

D (A) 1 - D (A) 8	; DATA OUTPUT OF ADC A
D (B) 1 - D (B) 8	; DATA OUTPUT OF ADC B
D (C) 1 - D (C) 8	; DATA OUTPUT OF ADC C

OTHER

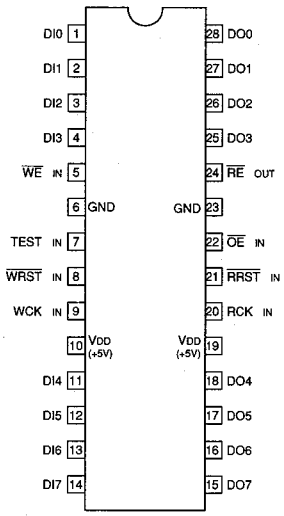
DGND	; DIGITAL GROUND
DGND (QA) - DGND (QC)	; DIGITAL GROUND FOR OUTPUT OF ADC
GND (A) - GND (C)	; GROUND OF ADC
IBIAS (A) - IBIAS (C)	; CLAMPING BIAS CURRENT OF ADC
AVDD (A) - AVDD (C)	; ANALOG VDD OF ADC
DVDD	; DIGITAL VDD
DVDD (QA) - DVDD (QC)	; DIGITAL VDD FOR OUTPUT OF ADC

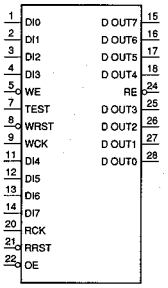
0 ; LOW LEVEL
1 ; HIGH LEVEL



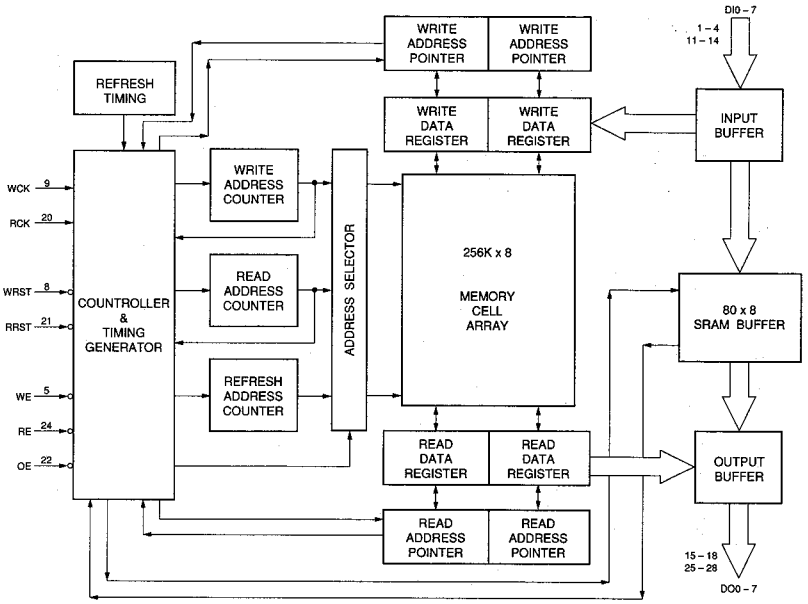
UPD42280GU-30 (NEC)FLAT PACKAGE
UPD42280GU-30-E2

C-MOS 2M (256 x 8) BIT FIELD BUFFER
—TOP VIEW—



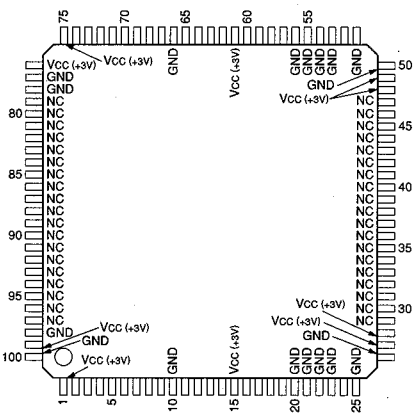


DI0 – 7 ; DATA INPUTS
DO0 – 7 ; DATA OUTPUTS
$\overline{OE}$; OUTPUT ENABLE INPUT
RCK ; READ CLOCK INPUT
$\overline{RE}$; READ ENABLE OUTPUT
$\overline{RRST}$; READ RESET INPUT
TEST ; TEST INPUT
WCK ; WRITE CLOCK INPUT
$\overline{WE}$; WRITE ENABLE INPUT
$\overline{WRST}$; WRITE RESET INPUT



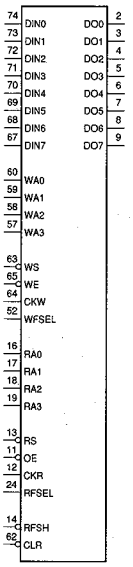
ZA4024 (TI)

SIGNAL PROCESSOR FOR DIGITAL VCR
-TOP VIEW-

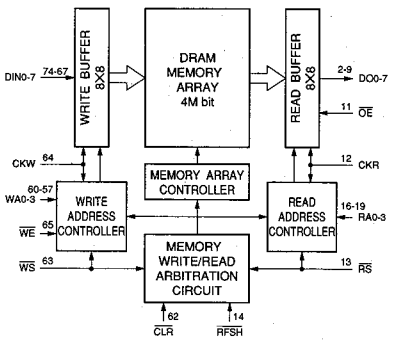


(Vcc = +3V)

PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	—	Vcc	21	—	GND	41	—	NC	61	—	Vcc	81	—	NC
2	O	DO0	22	—	GND	42	—	NC	62	I	$\overline{CLR}$	82	—	NC
3	O	DO1	23	—	GND	43	—	NC	63	I	$\overline{WS}$	83	—	NC
4	O	DO2	24	I	RFSEL	44	—	NC	64	I	CKW	84	—	NC
5	O	DO3	25	—	GND	45	—	NC	65	I	$\overline{WE}$	85	—	NC
6	O	DO4	26	—	GND	46	—	NC	66	—	GND	86	—	NC
7	O	DO5	27	—	Vcc	47	—	NC	67	I	DIN7	87	—	NC
8	O	DO6	28	—	Vcc	48	—	Vcc	68	I	DIN6	88	—	NC
9	O	DO7	29	—	NC	49	—	Vcc	69	I	DIN5	89	—	NC
10	—	GND	30	—	NC	50	—	GND	70	I	DIN4	90	—	NC
11	I	$\overline{OE}$	31	—	NC	51	—	GND	71	I	DIN3	91	—	NC
12	I	CKR	32	—	NC	52	I	WFSEL	72	I	DIN2	92	—	NC
13	I	$\overline{RS}$	33	—	NC	53	—	GND	73	I	DIN1	93	—	NC
14	I	$\overline{RFSH}$	34	—	NC	54	—	GND	74	I	DIN0	94	—	NC
15	—	Vcc	35	—	NC	55	—	GND	75	—	Vcc	95	—	NC
16	I	RA0	36	—	NC	56	—	GND	76	—	Vcc	96	—	NC
17	I	RA1	37	—	NC	57	I	WA3	77	—	GND	97	—	NC
18	I	RA2	38	—	NC	58	I	WA2	78	—	GND	98	—	GND
19	I	RA3	39	—	NC	59	I	WA1	79	—	NC	99	—	Vcc
20	—	GND	40	—	NC	60	I	WA0	80	—	NC	100	—	GND

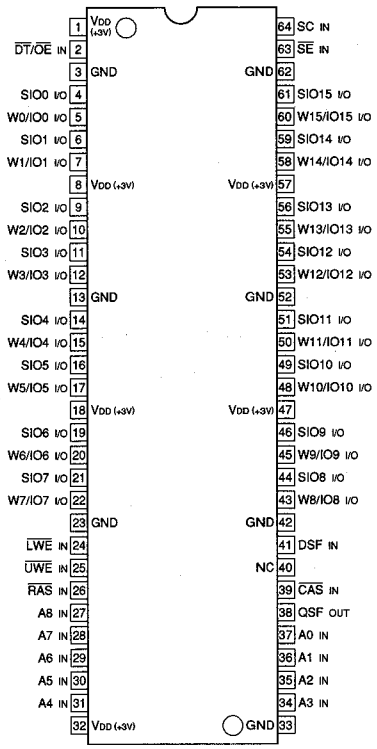


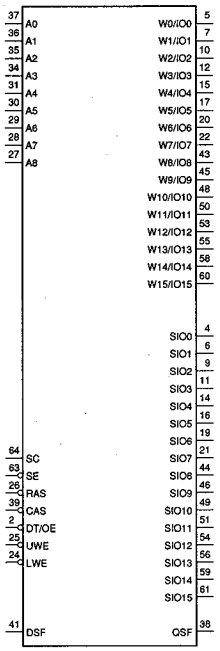
DIN0 - DIN7 ; DATA INPUTS
DO0 - DO7 ; DATA OUTPUTS
CKR ; READ CLOCK INPUT
CKW ; WRITE CLOCK INPUT
$\overline{CLR}$; RESET INPUT
$\overline{OE}$; OUTPUT ENABLE INPUT
RA0 - RA3 ; READ ADDRESS INPUT
RFSEL ; READ FIELD SELECT INPUT
$\overline{RFSH}$; REFRESH CONTROL INPUT
$\overline{RS}$; READ ADDRESS STOROBE INPUT
WA0 - WA3 ; WRITE ADDRESS INPUTS
$\overline{WE}$; WRITE ENABLE INPUT
WFSEL ; WRITE FIELD SELECT INPUT
$\overline{WS}$; WRITE ADDRESS STOROBE INPUT



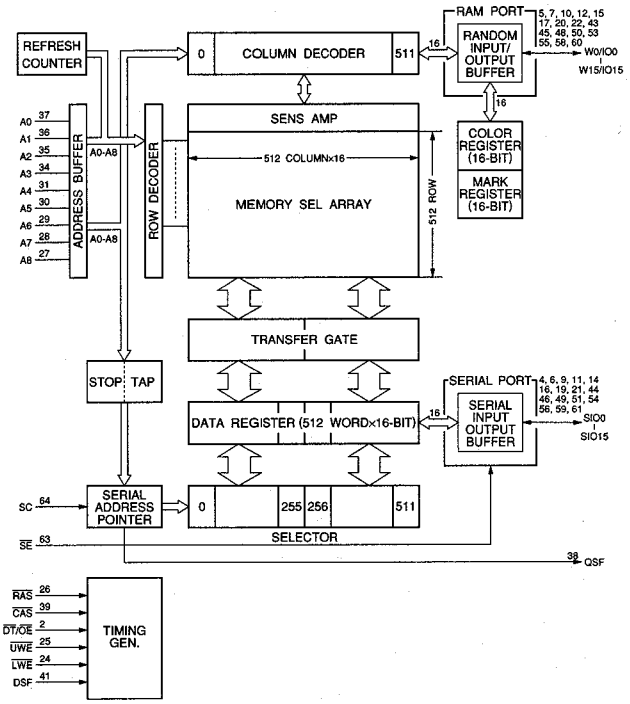
UPD482445LGW-B10-E2 (NEC)

C-MOS 4M-BIT DUAL PORT GRAPHICS BUFFER
-TOP VIEW-



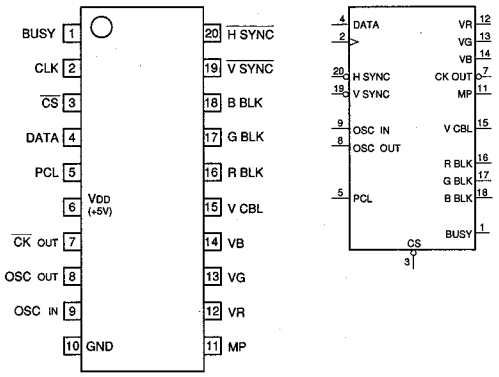


A0-A8	; ADDRESS INPUTS
$\overline{CAS}$	; COLUMN ADDRESS STROBE INPUT
DSF	; SPECIAL FUNCTION ENABLE INPUT
$\overline{DT}$	; DATA TRANSFER
$\overline{OE}$	; OUTPUT ENABLE INPUT
QSF	; SPECIAL FUNCTION OUTPUT
$\overline{RAS}$	; ROW ADDRESS STROBE INPUT
$\overline{SC}$	; SERIAL CLOCK INPUT
$\overline{SE}$	; SERIAL DATA INPUT/OUTPUT ENABLE INPUT
SIO0-SIO15	; SERIAL DATA INPUTS/OUTPUTS
$\overline{UWE}$	; WRITE BAR BIT
$\overline{LWE}$	; WRITE ENABLE INPUT
W0-W15/ IO0-IO15	; DATA INPUTS/OUTPUTS



UPD6453GT-635-E2 (NEC)FLAT PACKAGE

C-MOS ON-SCREEN CHARACTER DISPLAY
—TOP VIEW—

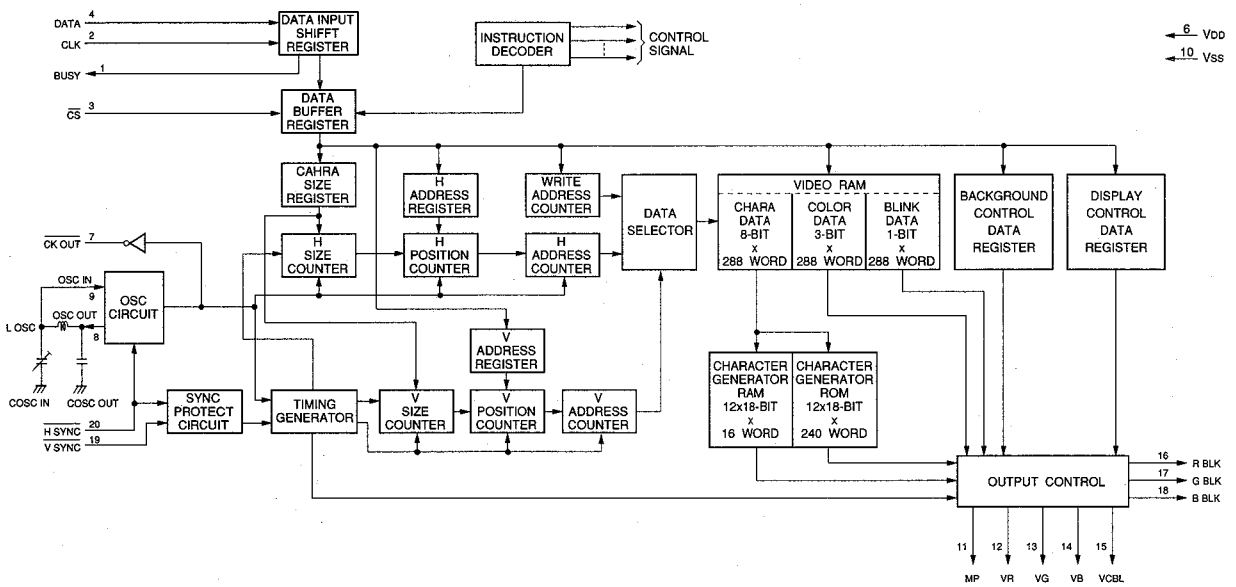


INPUT

CLK	;	CLOCK
CS	;	CHIP SELECT
DATA	;	SERIAL DATA
H SYNC	;	HORIZONTAL SYNC
OSC IN	;	OSCILLATOR IN
PCL	;	POWER ON CLEAR
V SYNC	;	VERTICAL SYNC

OUTPUT

BBLK, RBLK, GBLK	;	B, R, G, BLANKING
BUSY	;	BUSY OUT
CK OUT	;	CLOCK
MP	;	MASK PULSE
OSC OUT	;	OSCILLATOR OUT
VR, VG, VB	;	R, G, B, CHARACTER DATA
VCBL	;	VIDEO CUT BLANKING



SECTION 13
SPARE PARTS AND OPTIONAL FIXTURES

13-1. NOTES ON SPARE PARTS

(1) Safety Related Components Warning
Components identified by shading marked with ⚠ on the schematic diagrams, exploded views and electrical spare parts list are critical to safe operation. Replace these components with Sony parts whose parts numbers appear as shown in this manual or in service manual supplements published by Sony.

(2) Standardization of Parts
Replace Parts that are supplied from Sony Parts Center can sometimes have different shape and external appearance than what are actually used in equipment. This is due to "accommodating the improved parts and/or engineering changes" or "standardization of genuine parts."

(3) Stocked of Parts
The parts marked with "s" in the SP column of the exploded views and electrical spare parts list are normally required for routine service work. Orders for parts marked with "o" will be processed, but allow for additional delivery time.

(4) Units of Capacitors, Inductors, and Resistors
The following units are omitted in the schematic diagrams, exploded views, and electrical part lists unless otherwise specified;

Capacitor : μF
Inductors : μH
Resistors : Ω

13-1. 補修用部品注意事項

(1) 安全重要部品
回路図、分解図、電気部品表中、⚠印の部品は安全性を維持するために重要な部品です。したがって、これらの部品を交換する場合は必ず指定の部品と交換してください。

(2) 部品の共通化
ソニーから供給される部品はセットに実装されているものと異なることがあります。これは部品の共通化、改良等によるものです。分解図や電気部品表中には現時点での共通化された部品が記載されています。

(3) 部品在庫
SP (Supply code) 欄が "o" で示されている部品は交換頻度が低い部品であるので在庫していないことがあり、納期が長くなることがあります。

(4) コンデンサ、インダクタ、抵抗の単位
回路図、分解図、電気部品表中、特に明記したものを除き、下記の単位は省略されています。

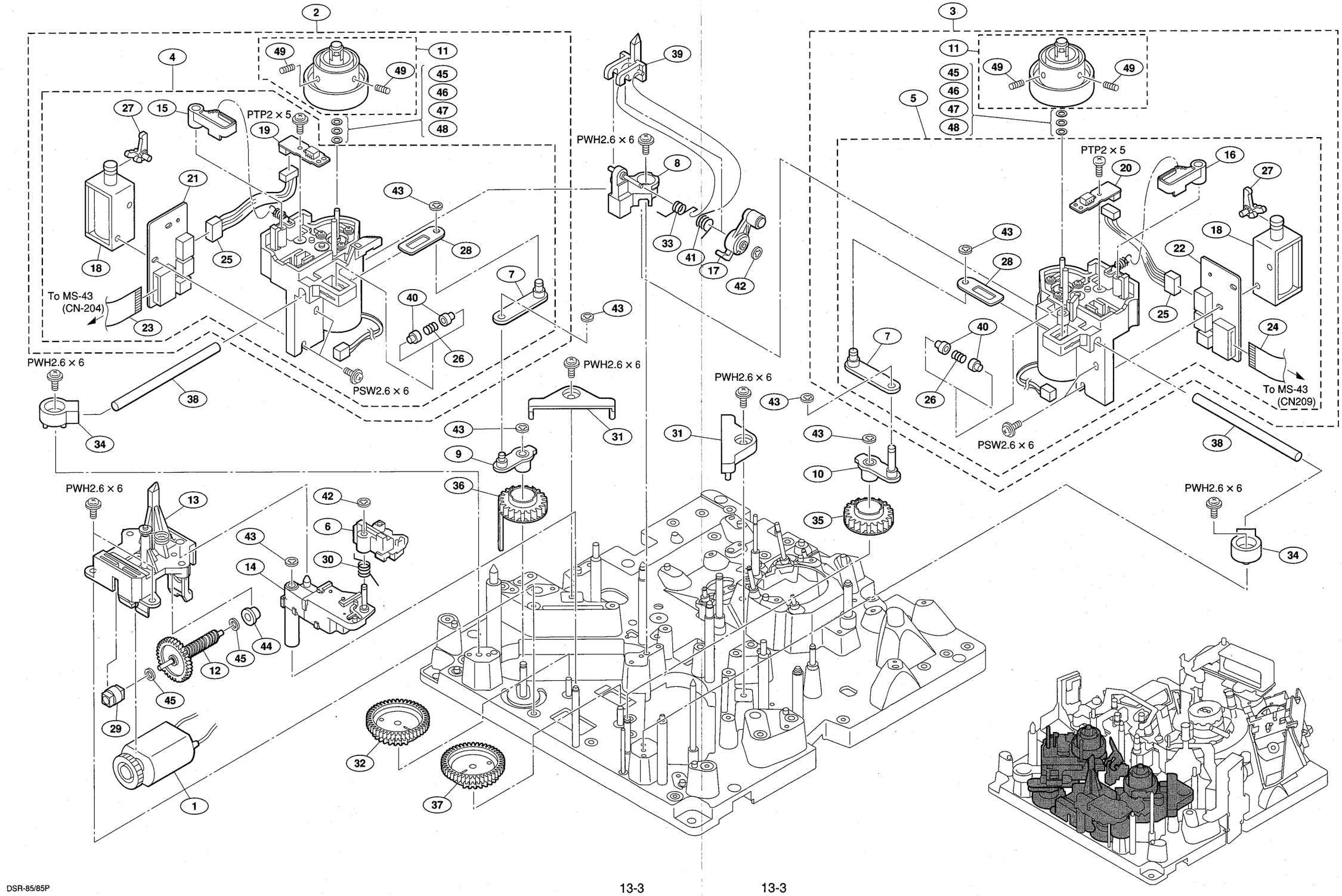
コンデンサー : μF
インダクター : μH
抵抗 : Ω

13-2. EXPLODED VIEWS

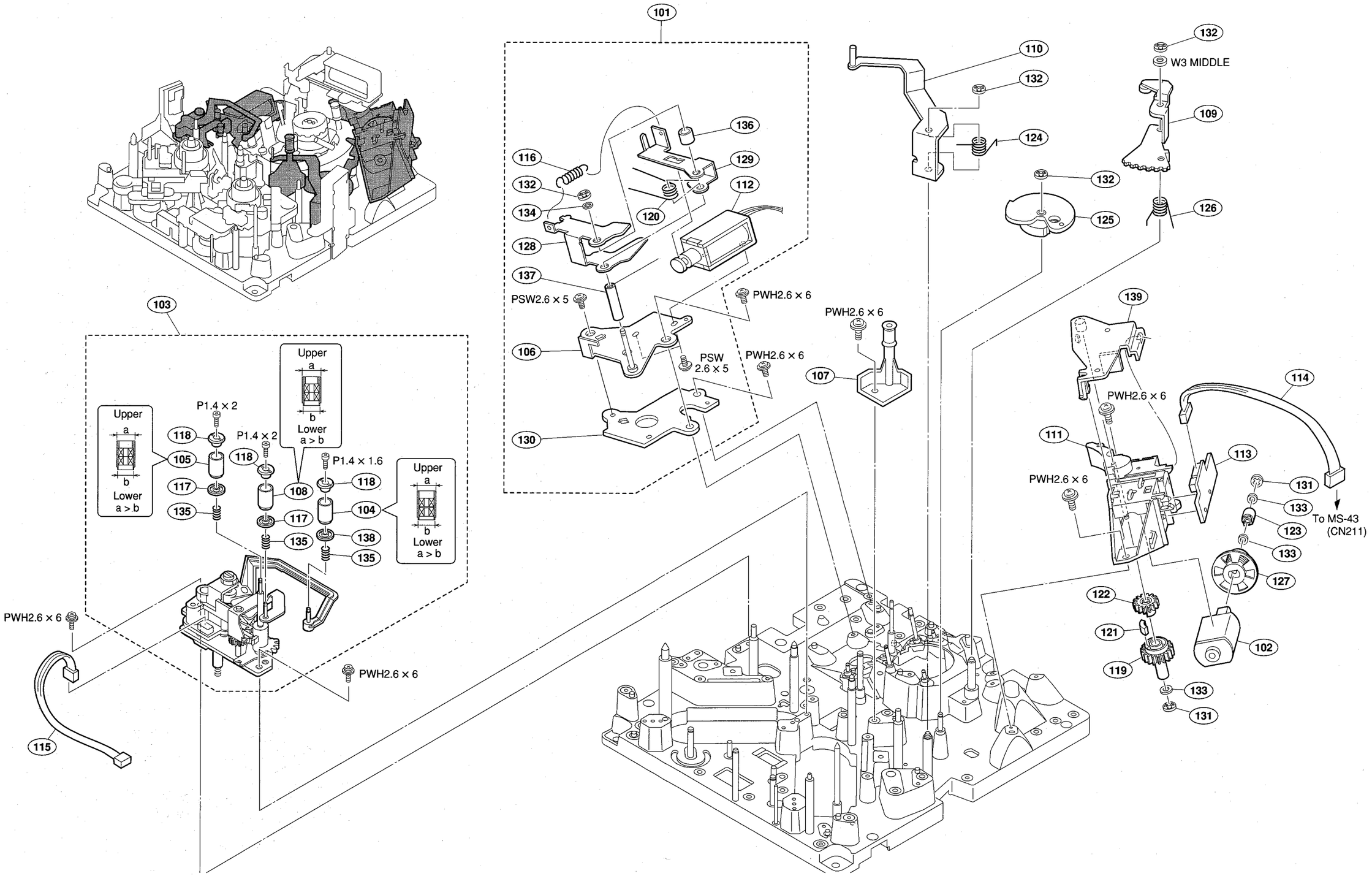
REEL CHASSIS

No.	Parts No.	SP	Description
1	A-8278-411-A	s	MOTOR ASSY, RS
2	A-8311-186-A	s	BLOCK (S) ASSY, REEL
3	A-8311-187-A	s	BLOCK (T) ASSY, REEL
4	A-8311-188-A	s	TABLE (S) ASSY, RS
5	A-8311-189-A	s	TABLE (T) ASSY, RS
6	A-8311-617-B	s	HOLDER (E) BLOCK ASSY, MIC
7	X-3678-717-1	s	ROD ASSY, CRANK
8	X-3678-722-2	s	RETAINER (A) ASSY, SHAFT
9	X-3678-750-1	s	ARM S ASSY, CRANK
10	X-3678-751-1	s	ARM T ASSY, CRANK
11	X-3678-761-5	s	ASSY, REEL DECK
12	X-3678-771-1	s	GEAR ASSY, WORM
13	X-3678-782-1	s	CASE SUB ASSY, WORM GEAR
14	X-3678-783-4	s	ARM ASSY, MIC
15	X-3678-873-1	s	ASSY, BRAKE (S)
16	X-3678-874-1	s	ASSY, BRAKE (T)
17	X-3678-958-2	s	PUSH ARM ASSY, C.R
18	1-454-787-12	s	SOLENOID, PLUNGER
19	1-662-914-11	s	PRINTED CIRCUIT BOARD, SE-315
20	1-662-915-11	o	PRINTED CIRCUIT BOARD, SE-361
21	1-662-916-11	o	PRINTED CIRCUIT BOARD, RM-159
22	1-662-919-11	o	PRINTED CIRCUIT BOARD, RM-160
23	1-777-534-11	s	WIRE (FLAT TYPE) (9 CORE) (S)
24	1-777-731-11	s	WIRE (FLAT TYPE) (9 CORE) (T)
25	1-956-616-11	o	HARNESS, SUB (FG)
26	3-370-323-01	s	SPRING, COMPRESSION
27	3-603-908-01	s	ARM, RELEASE, BRAKE
28	3-603-953-01	s	BRACKET, LIMITER
29	3-604-444-01	s	RETAINER, SHAFT
30	3-604-495-01	s	SPRING, HOLDER
31	3-604-500-01	s	GUIDE, PLATE
32	3-604-501-01	s	WHEEL (S), WORM
33	3-604-502-01	s	SPRING, RLR
34	3-604-503-01	s	RETAINER (B), SHAFT
35	3-604-533-01	s	GEAR (T), CRANK
36	3-604-534-01	s	GEAR (S), CRANK
37	3-604-556-01	s	WHEEL (T), WORM
38	3-604-652-01	s	SHAFT, SLIDE
39	3-604-681-02	s	RELEASE LEVER, REEL LOCK
40	3-604-846-01	s	HOLDER, LIMITER
41	3-605-988-01	s	SPRING, C.R PUSH
42	3-669-465-01	s	WASHER (1.5), STOPPER
43	3-669-596-01	s	WASHER (2.3), STOPPER
44	3-683-089-01	s	BEARING (S)
45	3-701-437-01	s	WASHER, POLY 2MM DIA 0.13T
46	3-701-437-11	s	WASHER, POLY 2MM DIA 0.25T
47	3-701-437-21	s	WASHER, POLY 2MM DIA 0.5T
48	3-701-437-91	s	WASHER, POLY 2MM DIA 0.05T
49	3-605-865-01	s	HEXAGON SOCKET SCREW WP2X3

REEL CHASSIS



S ARM ASSY & GEAR BOX ASSY



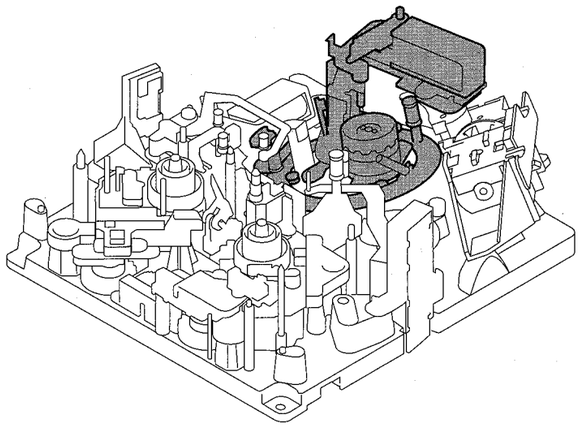
S ARM ASSY & GEAR BOX ASSY

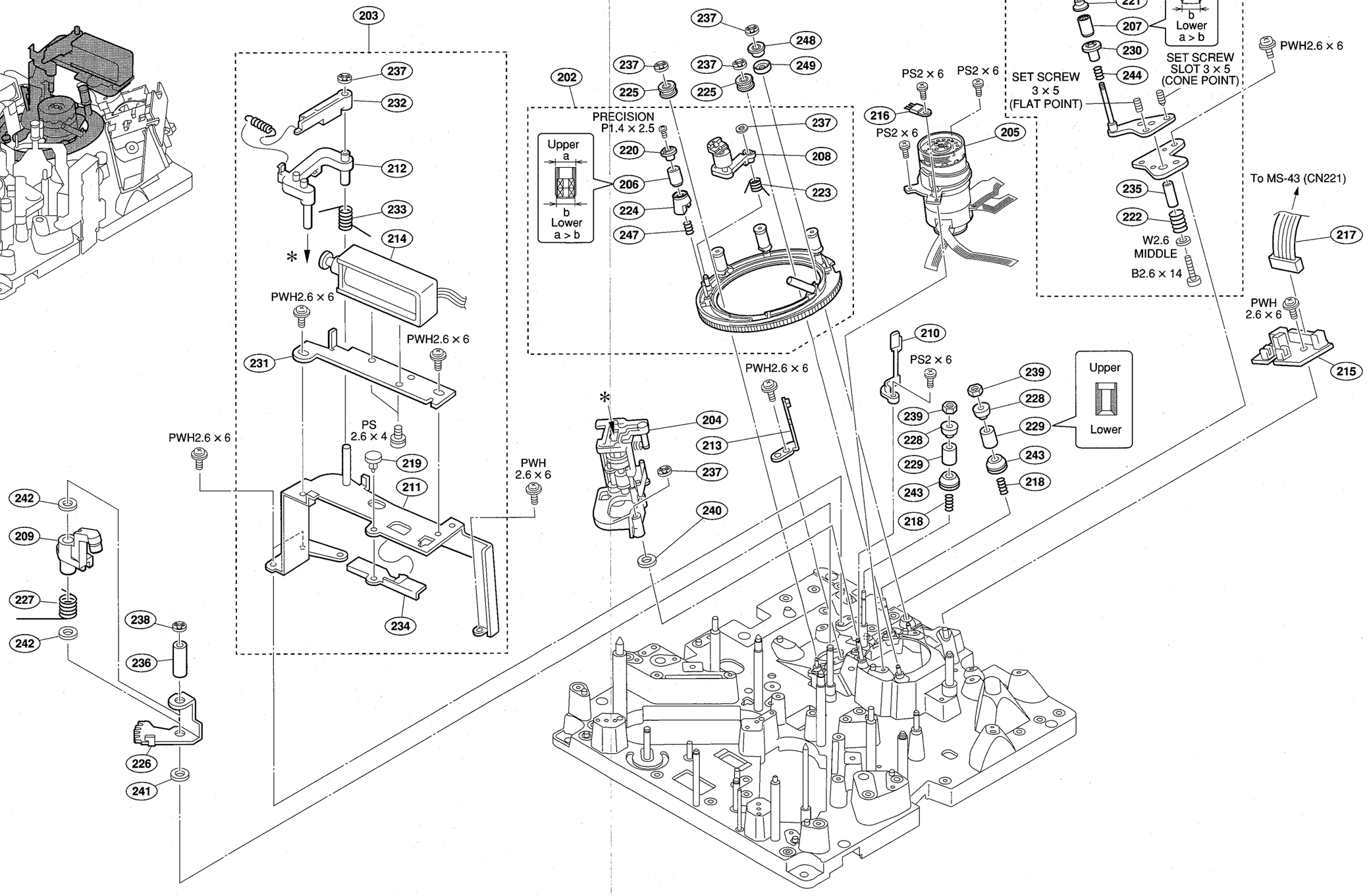
No.	Parts No.	SP	Description
101	A-8278-409-B	s	PRESS ASSY, PINCH
102	A-8278-410-B	s	MOTOR ASSY
103	A-8312-672-A	s	ARM ASSY, S
104	X-3604-989-1	s	GUIDE ROLLER ASSY, TG-3
105	X-3604-988-1	s	GUIDE ROLLER ASSY, TG-1
106	X-3678-747-1	s	BASE ASSY, P
107	X-3604-922-2	s	TG-12 ASSY
108	X-3604-987-1	s	GUIDE ROLLER ASSY, TG-2
109	X-3678-769-2	s	ARM ASSY, DRIVING, T
110	X-3678-770-2	s	ARM ASSY, T PULL
111	X-3678-772-4	s	BASE ASSY, GEAR BOX
112	1-454-337-21	s	SOLENOID, PLUNGER
113	1-662-912-11	s	PRINTED CIRCUIT BOARD, PTC-88
114	1-956-617-11	o	HARNESS, SUB (THREADING)
115	1-956-620-11	o	HARNESS, SUB (1 TREG)
116	2-270-832-11	s	SPRING, TENSION
117	3-614-775-01	s	LOWER FLANGE, TG-1
118	3-603-904-01	s	FLANGE, UPPER
119	3-603-924-01	s	WHEEL, WORM
120	3-603-925-02	s	SPRING (B), TORSION
121	3-604-442-01	s	RUBBER, LIMITTER
122	3-604-443-01	s	GEAR, LIMITER
123	3-604-444-01	s	RETAINER, SHAFT
124	3-604-447-03	s	SPRING, T ARM
125	3-604-483-02	s	GEAR, CAM
126	3-604-484-02	s	SPRING, DRIVING ARM
127	3-604-487-01	s	GEAR, WORM
128	3-604-489-01	s	LEVER, P PRESS
129	3-604-490-01	s	P LIMITER
130	3-604-492-01	s	SUB BASE, P
131	3-669-465-01	s	WASHER (1.5), STOPPER
132	3-669-596-00	s	WASHER (2.3), STOPPER
133	3-701-437-21	s	WASHER, POLY 2MM DIA 0.5T
134	3-701-439-11	s	WASHER, POLY 3MM DIA 0.25T
135	3-722-156-01	s	SPRING, COMPRESSION
136	4-611-326-01	o	SPACER (4X6)
137	9-910-999-31	s	SPACER (3X18)
138	3-614-778-01	s	LOWER FLANGE, TG-3
139	3-615-346-01	s	COVER, G-BOX

DRUM & THREADING RING

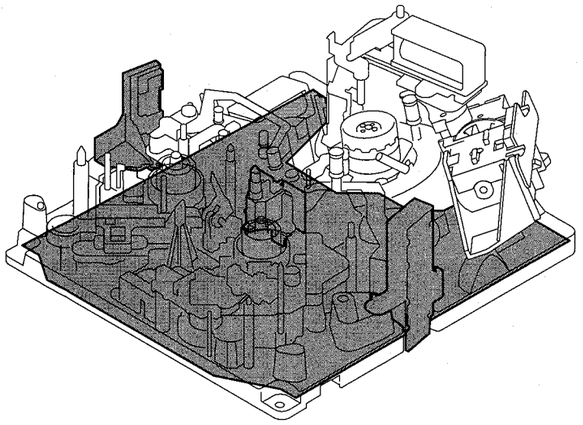
No.	Parts No.	SP	Description
201	A-8279-050-A	s	TG-6A ASSY
202	A-8279-049-A	s	RING (A) ASSY, LOADING
203	A-8278-477-B	s	DRIVE ASSY, HC
204	A-8316-539-B	s	HC ASSY (2)
205	A-8312-310-A	s	HEAD DRUM ASSY, DEH-04A-R
206	X-3604-986-1	s	ROLLER ASSY, TG-7 GUIDE
207	X-3604-991-1	s	ROLLER ASSY, TG-6A GUIDE
208	X-3678-746-2	s	ARM ASSY, PINCH ROLLER
209	X-3678-758-2	s	ARM ASSY, S ROLLER
210	X-3678-899-4	s	BASE ASSY, TC
211	X-3678-939-1	o	BASE ASSY, SOL
212	X-3678-945-1	o	ARM ASSY, SOL DRIVE
213	X-3678-953-3	s	STOPPER ASSY, HC BASE
214	1-454-337-21	s	SOLENOID, PLUNGER
215	1-662-908-12	o	PRINTED CIRCUIT BOARD, PTC-84
216	1-810-573-11	s	SENSOR, DEW CONDENSATION
217	1-956-623-12	o	HARNESS, SUB (TH/UNTH)
218	3-953-138-01	s	SPRING, COMPRESSION
219	3-531-576-11	s	RIVET
220	3-603-919-03	s	FLANGE, PRECEDING UPPER
221	3-614-782-01	s	FLANGE, TG-6A, UPPER
222	3-603-932-01	s	SPRING, COMPRESSION
223	3-604-446-01	s	SPRING, PINCH ARM
224	3-614-773-01	s	FLANGE, TG-7 LOWER
225	3-604-564-02	s	ROLLER, RING
226	3-604-644-01	s	GEAR S, PULL
227	3-604-649-01	s	SPRING, S LIMITER
228	X-3604-614-1	s	FLANGE ASSY, GUIDE
229	3-604-790-02	s	GUIDE, TAPE
230	3-614-780-01	s	FLANGE, TG-6A LOWER
231	3-605-805-01	o	SPACER, SOL
232	3-605-807-01	o	ARM, LIMITER SOL
233	3-605-812-01	o	SPRING, SOL ARM
234	3-606-102-02	o	SLIDER, SOL
235	3-642-719-01	o	SPACER (2.6X11)
236	3-657-086-00	o	SPACER (3X20)
237	3-669-465-01	s	WASHER (1.5), STOPPER
238	3-669-596-01	s	WASHER (2.3), STOPPER
239	3-698-829-01	s	NUT (M2)
240	3-701-437-11	s	WASHER, POLY 2MM DIA 0.25T
241	3-701-439-21	s	WASHER, POLY 3MM DIA 0.5T
242	3-701-441-21	s	WASHER, POLY 4MM DIA 0.5T
243	3-608-501-02	s	SUPPORT, GUIDE
244	3-615-210-01	s	SPRING COMPRESSION
245	3-614-783-01	s	NUT, TG-6A
246	3-614-785-01	s	ADJUSTMENT SCREW, M1.4X0.2
247	3-722-156-01	s	SPRING COMPRESSION
248	3-614-786-01	s	ROLLER, RING
249	3-614-787-01	s	SPACER, RING

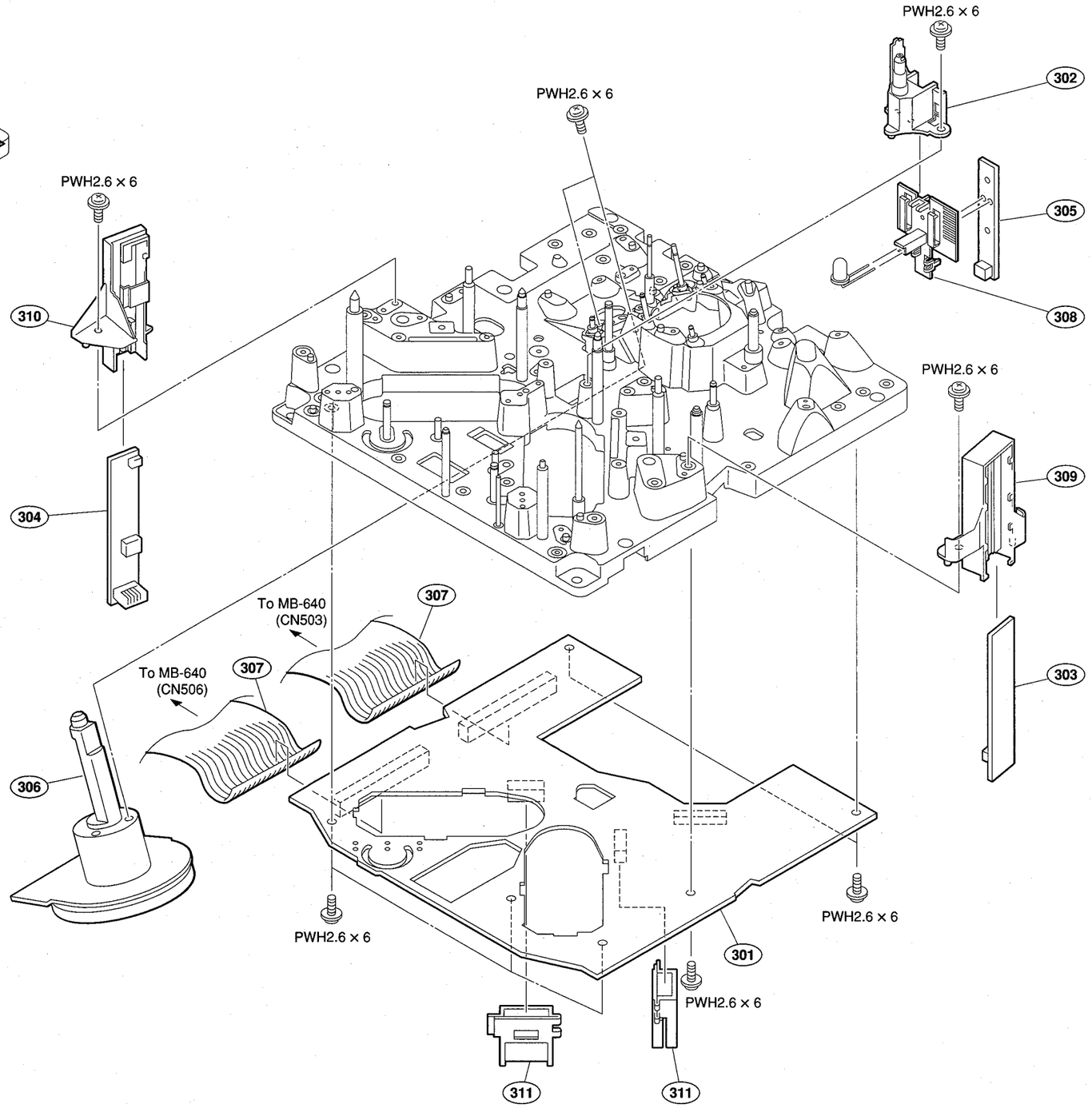
DRUM & THREADING RING





CAPSTAN MOTOR





CAPSTAN MOTOR

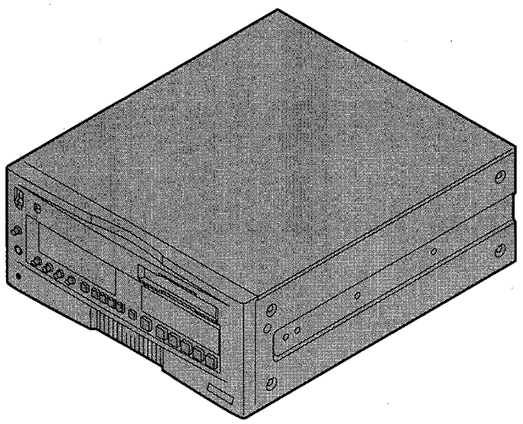
No.	Parts No.	SP	Description
301	A-8312-024-A	o	MOUNTED CIRCUIT BOARD, MS-43
302	X-3678-721-4	s	ASSY, PRISM
303	1-662-909-11	o	PRINTED CIRCUIT BOARD, PTC-85
304	1-662-910-11	o	PRINTED CIRCUIT BOARD, PTC-86
305	1-662-911-11	o	PRINTED CIRCUIT BOARD, PTC-87
306	1-698-881-11	s	MOTOR, DC (CAPSTAN)
307	1-777-537-11	s	WIRE (FLAT TYPE) (36 CORE)
308	3-603-920-03	o	HOLDER, LED
309	3-604-493-02	s	HOLDER, TOP SENSOR
310	3-604-494-03	s	HOLDER, END SENSOR
311	3-604-657-01	s	HOLDER, FLAT CABLE

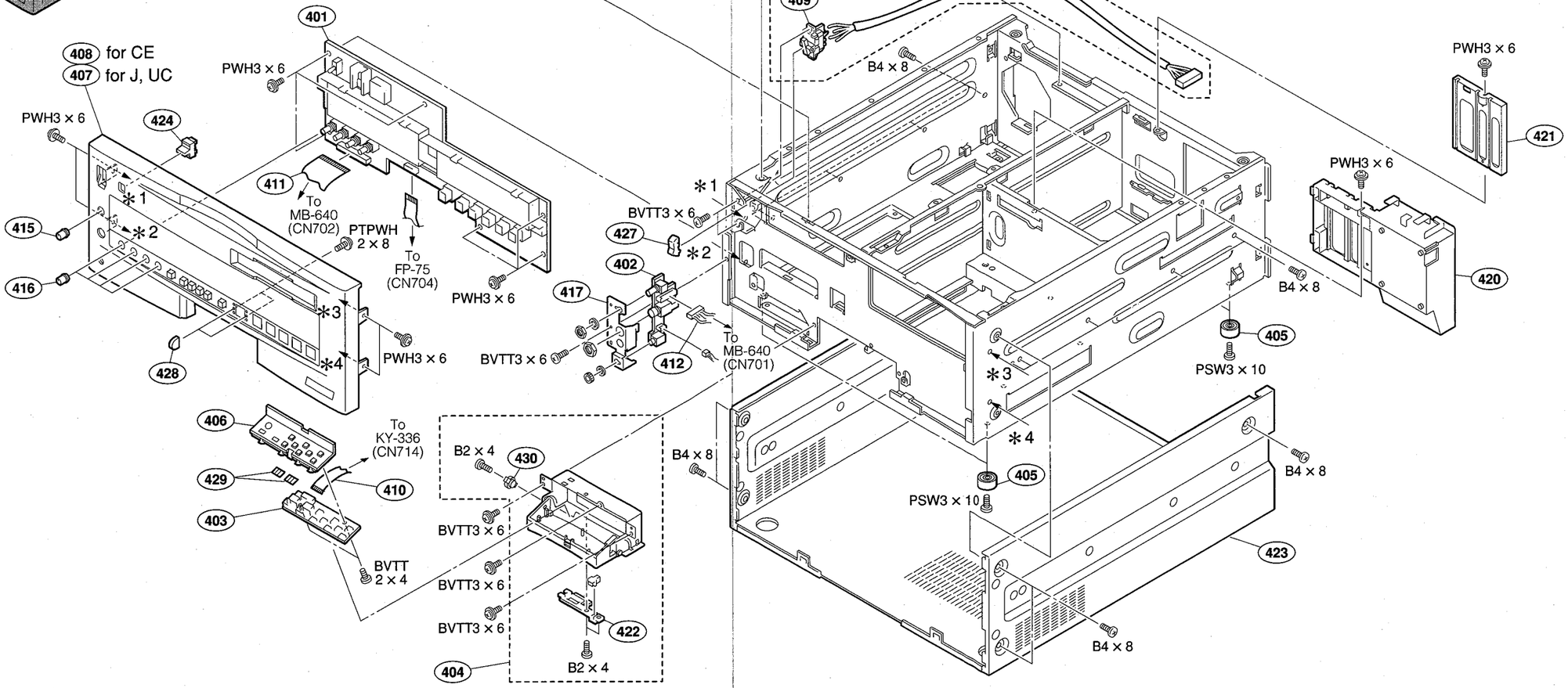
ORNAMENTAL PANEL BLOCK

No.	Parts No.	SP	Description
401	A-8277-878-A	o	MOUNTED CIRCUIT BOARD, KY-336
402	A-8277-912-A	o	MOUNTED CIRCUIT BOARD, HP-73
403	A-8277-913-A	o	MOUNTED CIRCUIT BOARD, FP-75
404	A-8311-890-D	o	CASE ASSY, MENU PANEL
405	X-3678-708-3	s	FOOT, ASSY
406	X-3678-922-2	s	KEY ASSY, MENU-PANEL
407	X-3678-929-3	s	PANEL SUB ASSY, FRONT (for J, UC)
408	X-3678-930-3	s	PANEL SUB ASSY, FRONT (for CE)
409	⚠ 1-570-117-31	s	SWITCH, SEESAW (AC POWER)
410	1-777-531-12	s	WIRE, FLEXIBLE CARD 11P
411	1-777-537-11	s	WIRE (FLAT TYPE) (36 CORE)
412	1-956-618-11	o	HARNESS, SUB (HP-MB)
413	⚠ 1-956-621-11	s	HARNESS, SUB (AC SW)
414	3-174-264-01	s	SCREW (+) (B4X8) (CU, N1)
415	3-604-557-02	s	KNOB, HP VOL
416	3-604-558-02	s	KNOB, AU VOL
417	3-604-560-01	o	BRACKET, HP
418	3-605-441-01	o	GUIDE A, PCB
419	3-605-442-01	o	GUIDE B, PCB
420	3-605-443-01	o	GUIDE C, PCB
421	3-605-444-01	o	GUIDE D, PCB
422	3-605-529-02	s	HOLDER, MINI-SIDE&FL
423	3-605-629-02	o	CASE, BOTTOM
424	3-605-631-02	s	CAP, SWITCH
425	3-605-632-02	o	PLATE, TOP
426	3-650-537-00	o	WASHER
427	3-688-814-31	s	CAP, SWITCH
428	3-717-380-01	o	GUARD, REC
429	3-717-394-03	o	PLATE (SMALL), ORNAMENTAL
430	3-953-235-21	s	DAMPER, OIL

ORNAMENTAL PANEL BLOCK

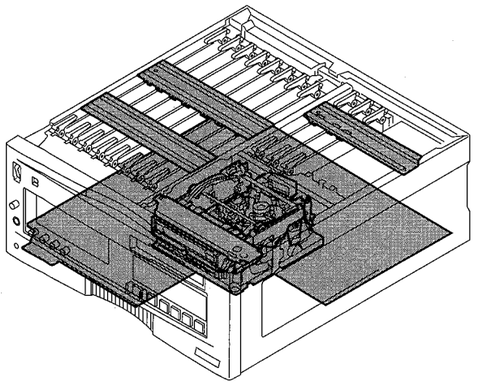
ORNAMENTAL PANEL BLOCK

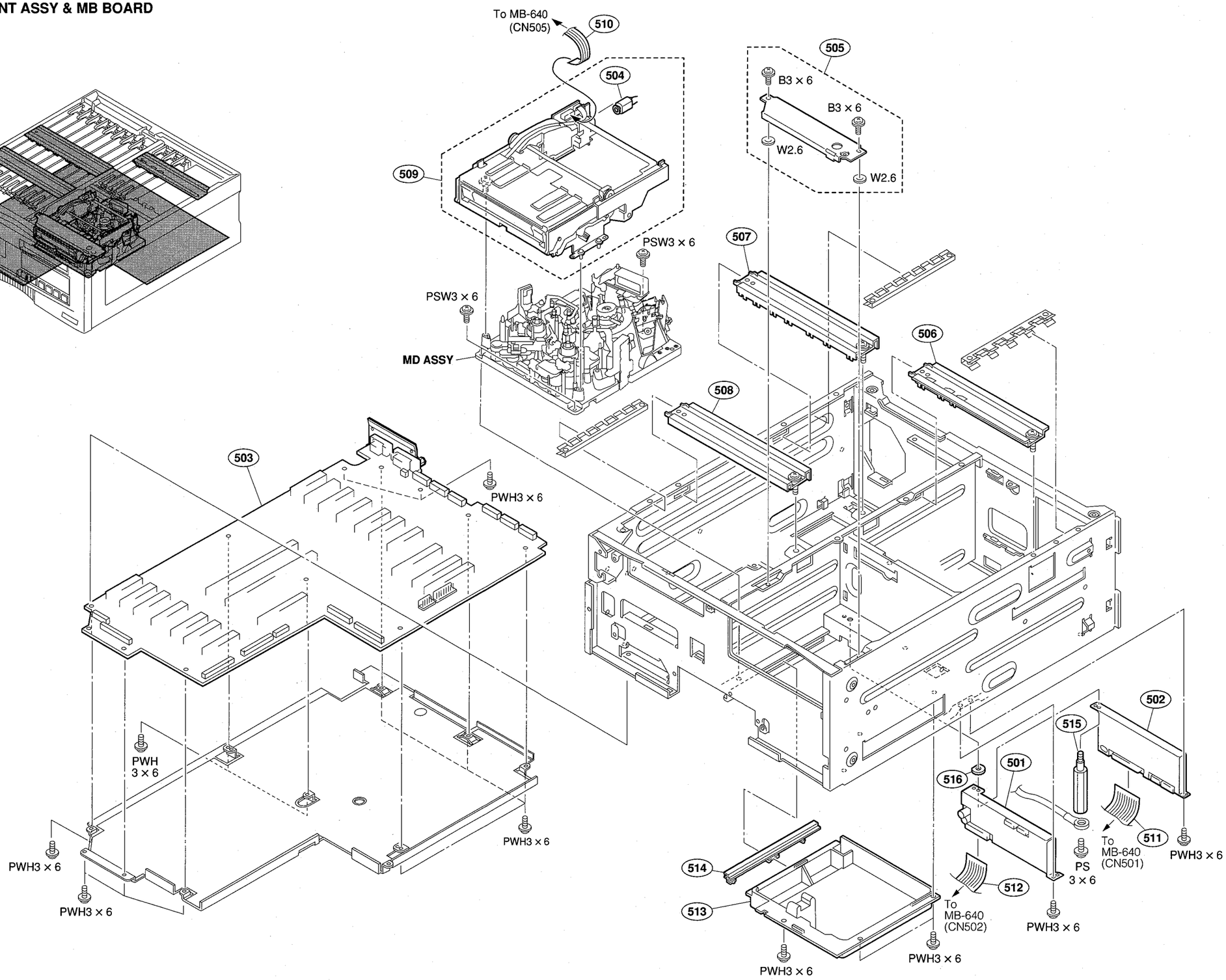




13-11

CASSETTE COMPARTMENT ASSY & MB BOARD





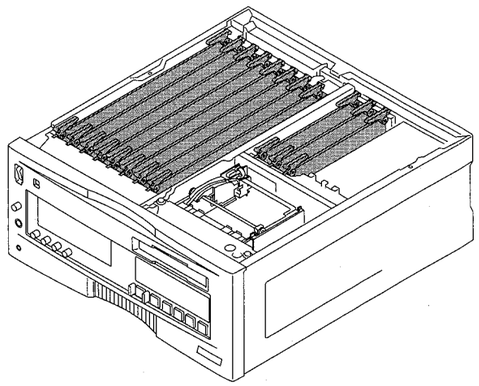
CASSETTE COMPARTMENT ASSY & MB BOARD

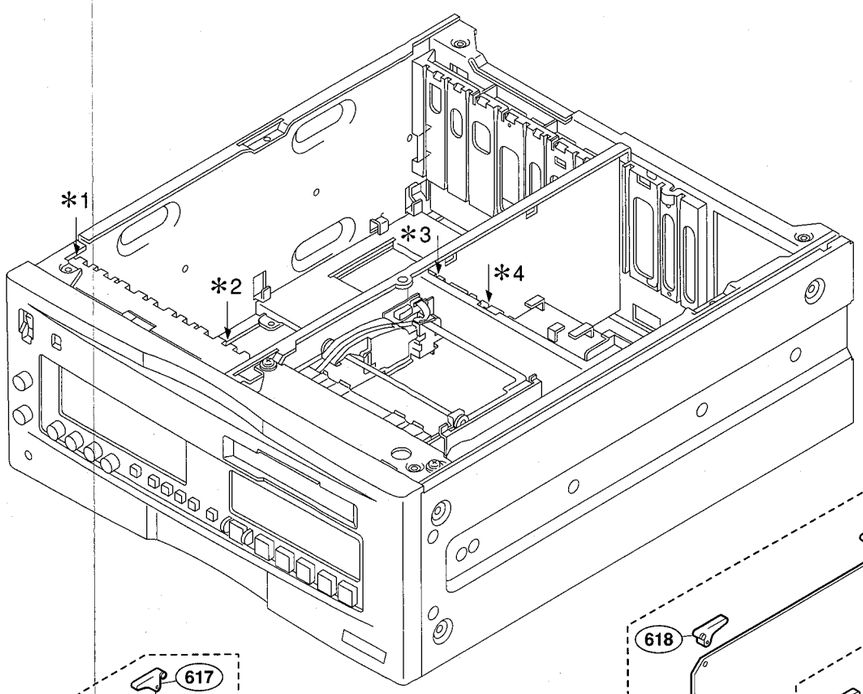
No.	Parts No.	SP	Description
501	A-8277-882-B	o	MOUNTED CIRCUIT BOARD, PRE-32
502	A-8318-779-A	o	MOUNTED CIRCUIT BOARD, REC-32
503	A-8277-899-A	o	MOUNTED CIRCUIT BOARD, MB-640
504	A-8278-410-B	s	MOTOR ASSY
505	A-8278-444-B	o	CLAMP ASSY, CASECON
506	A-8278-472-E	o	CLAMP (S) ASSY, PCB
507	A-8278-502-B	o	CLAMP (LA) ASSY, PCB
508	A-8278-503-B	o	CLAMP (LB) ASSY, PCB
509	A-8312-671-A	s	CASSETTE COMPARTMENT ASSY
510	1-777-533-11	s	WIRE (FLAT TYPE) (13 CORE)
511	1-777-535-11	s	WIRE (FLAT TYPE) (34 CORE)
512	1-777-536-11	s	WIRE (FLAT TYPE) (26 CORE)
513	3-605-824-04	o	CASE, BOTTOM
514	3-605-825-02	o	CASE HOLDER, BOTTOM
515	3-608-822-02	o	SHAFT, RM
516	3-608-823-01	o	RUBBER, WASHER

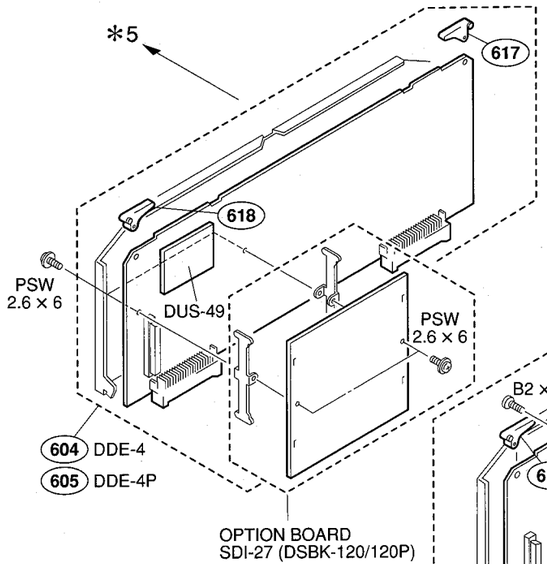
CARD RACK BLOCK

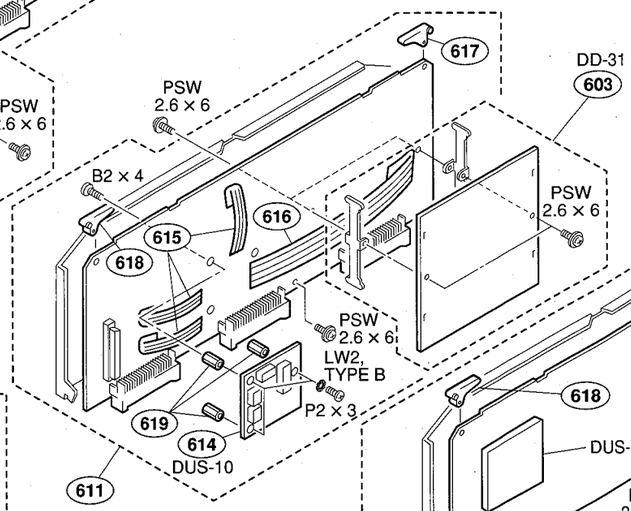
No.	Parts No.	SP	Description
601	A-8277-856-A	s	MOUNTED CIRCUIT BOARD, AU-238
602	A-8277-862-B	s	MOUNTED CIRCUIT BOARD, DA-120
603	A-8277-864-A	s	MOUNTED CIRCUIT BOARD, DD-31
604	A-8277-866-A	s	MOUNTED CIRCUIT BOARD, DDE-4 (for NTSC)
605	A-8277-868-A	s	MOUNTED CIRCUIT BOARD, DDE-4P (for PAL)
606	A-8277-872-A	s	MOUNTED CIRCUIT BOARD, DEN-5 (for NTSC)
607	A-8277-870-A	s	MOUNTED CIRCUIT BOARD, DEN-5P (for PAL)
608	A-8277-874-A	s	MOUNTED CIRCUIT BOARD, DV-16
609	A-8277-876-B	s	MOUNTED CIRCUIT BOARD, EQ-57
610	A-8277-886-B	s	MOUNTED CIRCUIT BOARD, RP-90
611	A-8277-888-A	s	MOUNTED CIRCUIT BOARD, SDI-8
612	A-8277-894-A	s	MOUNTED CIRCUIT BOARD, SV-161
613	A-8277-896-A	s	MOUNTED CIRCUIT BOARD, SY-220
614	A-8311-695-A	o	MOUNTED CIRCUIT BOARD, DUS-10
615	1-765-131-12	s	CABLE, FLAT (1.0MM) (10 CORE)
616	1-775-421-11	o	CABLE, FLAT (1.0MM) (24 CORE)
617	3-179-084-01	s	LEVER (R), PC BOARD
618	3-179-085-01	s	LEVER (L), PC BOARD
619	3-181-132-01	o	SUPPORT

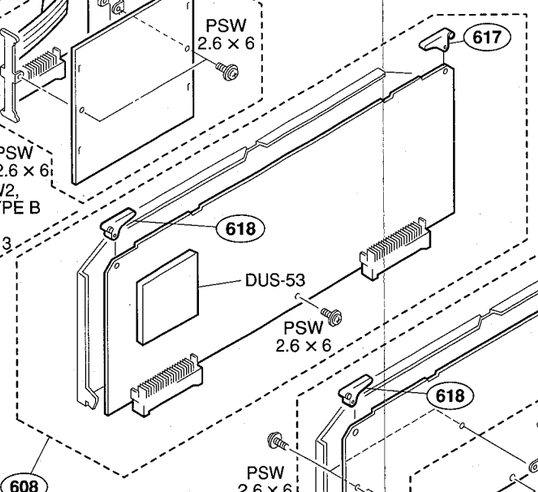
CARD RACK BLOCK

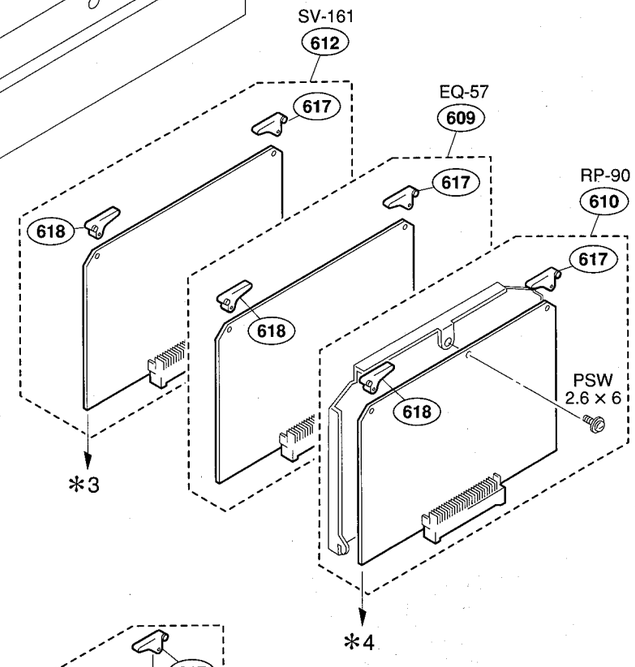


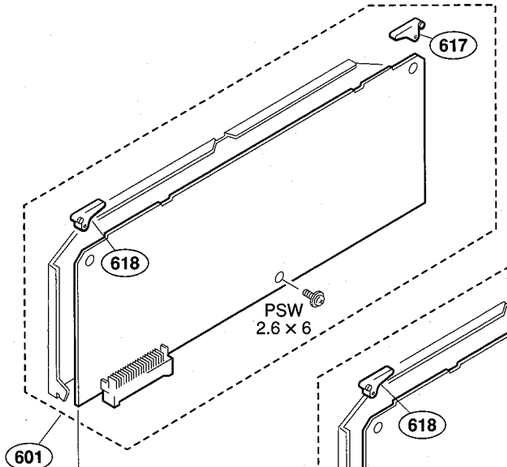


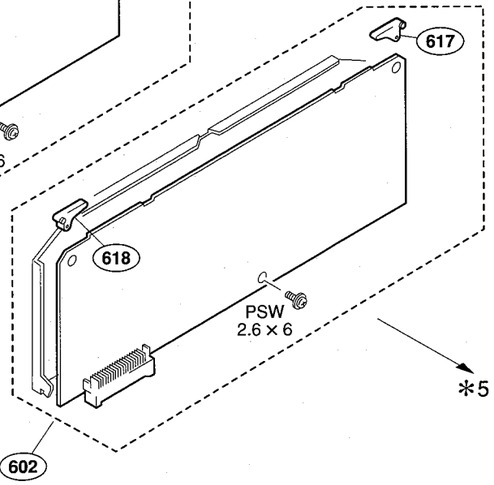


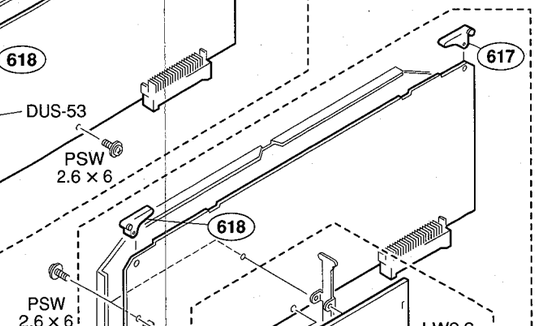


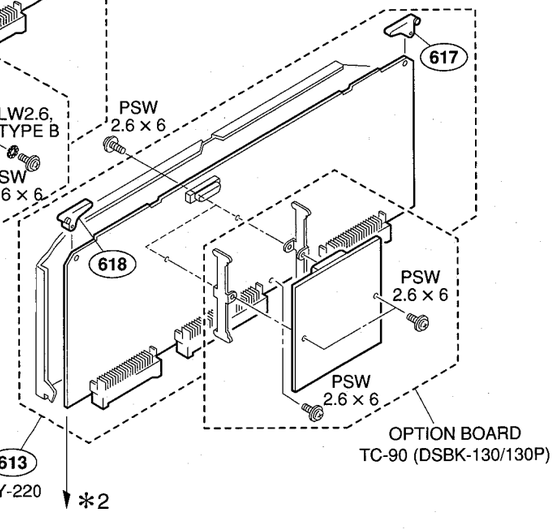




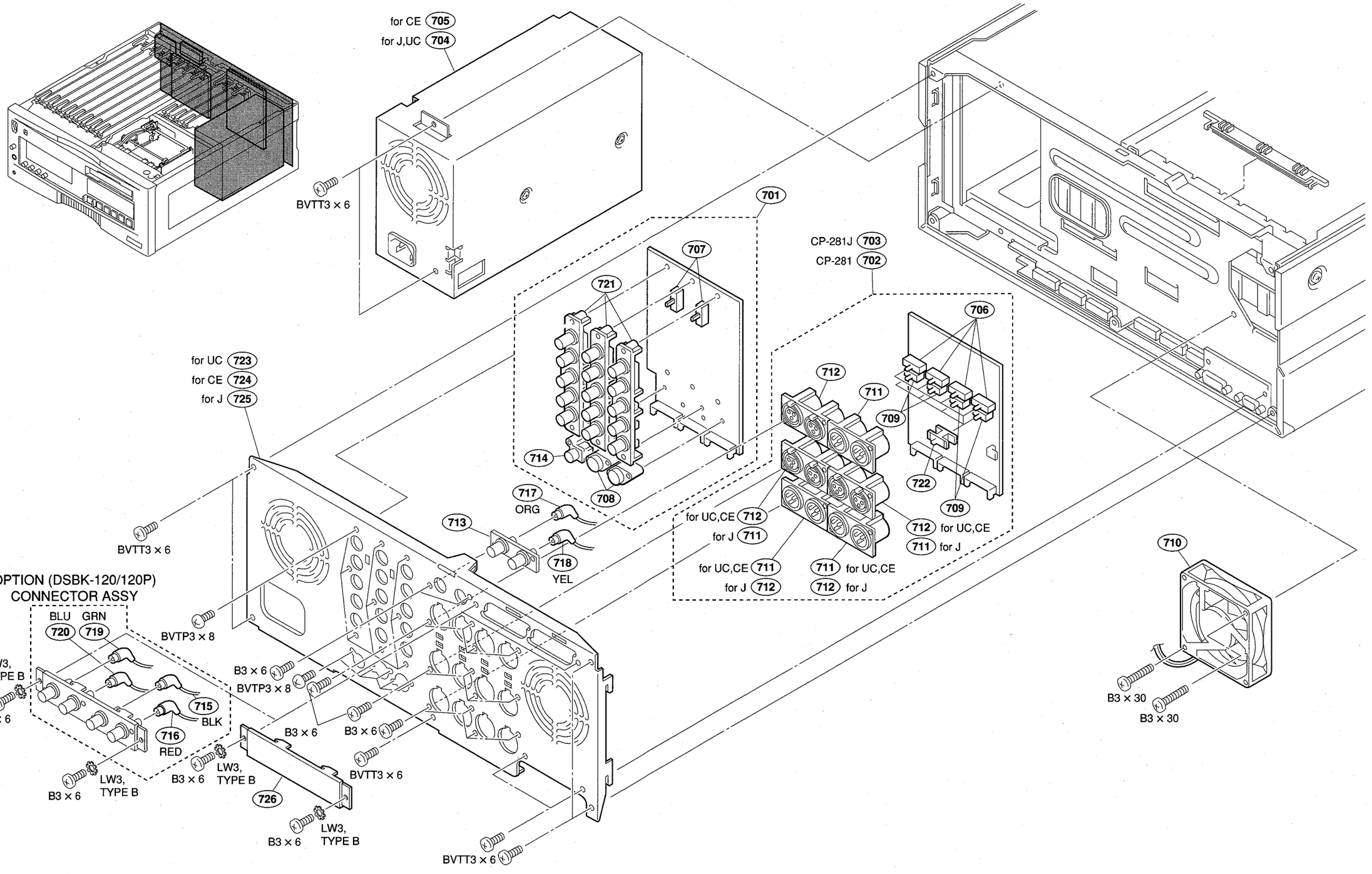








SWITCHING REGULATOR & REAR PANEL BLOCK



SWITCHING REGULATOR & REAR PANEL BLOCK

No.	Parts No.	SP	Description
701	A-8277-857-A	o	MOUNTED CIRCUIT BOARD, CP-276
702	A-8277-860-A	o	MOUNTED CIRCUIT BOARD, CP-281 (for UC, CE)
703	A-8311-078-A	o	MOUNTED CIRCUIT BOARD, CP-281J (for J)
704	⚠ 1-468-150-11	s	REGULATOR, SWITCHING (for J, UC)
705	⚠ 1-468-150-21	s	REGULATOR, SWITCHING (for CE)
706	1-570-157-41	s	SWITCH, SLIDE
707	1-570-157-51	s	SWITCH, SLIDE
708	1-573-590-13	s	CONNECTOR, (S) TERMINAL 4P
709	1-692-505-11	s	SWITCH, SLIDE
710	1-698-785-21	s	FAN, D.C. (80 SQUARE)
711	1-750-785-11	s	CONNECTOR (XLR TYPE) 3P
712	1-750-786-11	s	CONNECTOR (XLR TYPE) 3P
713	1-750-881-11	s	CONVERTER, COAXIAL CONNECTOR
714	1-766-596-11	s	JACK, PIN 1P
715	1-777-529-11	s	CABLE ASSY, COAXIAL (BLACK)
716	1-777-529-21	s	CABLE ASSY, COAXIAL (RED)
717	1-777-529-31	s	CABLE ASSY, COAXIAL (ORANGE)
718	1-777-529-41	s	CABLE ASSY, COAXIAL (YELLOW)
719	1-777-529-51	s	CABLE ASSY, COAXIAL (GREEN)
720	1-777-529-61	s	CABLE ASSY, COAXIAL (BLUE)
721	1-778-665-11	s	CONNECTOR, BNC (RECEPTACLE)
722	3-171-450-01	o	ADAPTOR, SW
723	3-605-633-03	o	PANEL, REAR (for UC)
724	3-605-633-13	o	PANEL, REAR (for CE)
725	3-605-633-23	o	PANEL, REAR (for J)
726	3-605-643-02	o	PANEL, BLANK

13-3. ELECTRICAL PARTS LIST

AU-238 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8277-856-A	s	MOUNTED CIRCUIT BOARD, AU-238
1pc	7-621-759-45	s	+PSW, 2.6x6
1pc	3-179-084-01	s	LEVER (R), PRINTED CIRCUIT BOARD
1pc	3-179-085-01	s	LEVER (L), PRINTED CIRCUIT BOARD
C100	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C101	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C102	1-104-664-11	s	ELECT 47uF 20% 25V
C103	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C104	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C105	1-104-664-11	s	ELECT 47uF 20% 25V
C106	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C108	1-104-664-11	s	ELECT 47uF 20% 25V
C109	1-104-664-11	s	ELECT 47uF 20% 25V
C110	1-104-664-11	s	ELECT 47uF 20% 25V
C111	1-104-664-11	s	ELECT 47uF 20% 25V
C112	1-126-965-11	s	ELECT 22uF 20% 50V
C113	1-126-965-11	s	ELECT 22uF 20% 50V
C114	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C115	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C116	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C117	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C118	1-104-664-11	s	ELECT 47uF 20% 25V
C119	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C120	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C121	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C122	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C123	1-104-664-11	s	ELECT 47uF 20% 25V
C124	1-104-664-11	s	ELECT 47uF 20% 25V
C125	1-104-664-11	s	ELECT 47uF 20% 25V
C126	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C127	1-104-664-11	s	ELECT 47uF 20% 25V
C128	1-104-664-11	s	ELECT 47uF 20% 25V
C129	1-104-664-11	s	ELECT 47uF 20% 25V
C130	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C131	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C132	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C133	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C134	1-104-664-11	s	ELECT 47uF 20% 25V
C135	1-104-664-11	s	ELECT 47uF 20% 25V
C136	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C137	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C156	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C200	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C201	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C202	1-104-664-11	s	ELECT 47uF 20% 25V
C203	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C204	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C205	1-104-664-11	s	ELECT 47uF 20% 25V
C206	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C208	1-104-664-11	s	ELECT 47uF 20% 25V
C209	1-104-664-11	s	ELECT 47uF 20% 25V
C210	1-104-664-11	s	ELECT 47uF 20% 25V
C211	1-104-664-11	s	ELECT 47uF 20% 25V
C212	1-126-965-11	s	ELECT 22uF 20% 50V
C213	1-126-965-11	s	ELECT 22uF 20% 50V
C214	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C215	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C216	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C217	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V

(AU-238 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
C218	1-104-664-11	s	ELECT 47uF 20% 25V
C219	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C220	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C221	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C222	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C223	1-104-664-11	s	ELECT 47uF 20% 25V
C224	1-104-664-11	s	ELECT 47uF 20% 25V
C225	1-104-664-11	s	ELECT 47uF 20% 25V
C226	1-104-664-11	s	ELECT 47uF 20% 25V
C227	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C228	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C236	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C256	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C300	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C301	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C302	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C303	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C304	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C305	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C306	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C307	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C308	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C309	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C310	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C311	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C312	1-104-664-11	s	ELECT 47uF 20% 25V
C313	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C314	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C315	1-126-925-11	s	ELECT 470uF 20% 10V
C316	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C317	1-131-377-00	s	TANTALUM 10uF 10% 10V
C318	1-131-381-00	s	TANTALUM 47uF 10% 10V
C319	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C320	1-131-377-00	s	TANTALUM 10uF 10% 10V
C321	1-131-381-00	s	TANTALUM 47uF 10% 10V
C322	1-126-925-11	s	ELECT 470uF 20% 10V
C323	1-126-934-11	s	ELECT 220uF 20% 16V
C324	1-126-925-11	s	ELECT 470uF 20% 10V
C325	1-126-934-11	s	ELECT 220uF 20% 16V
C326	1-126-925-11	s	ELECT 470uF 20% 10V
C327	1-126-934-11	s	ELECT 220uF 20% 16V
C328	1-126-925-11	s	ELECT 470uF 20% 10V
C329	1-126-934-11	s	ELECT 220uF 20% 16V
C330	1-131-360-00	s	TANTALUM 15uF 10% 10V
C331	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C332	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C333	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C334	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C335	1-104-664-11	s	ELECT 47uF 20% 25V
C336	1-104-664-11	s	ELECT 47uF 20% 25V
C337	1-104-664-11	s	ELECT 47uF 20% 25V
C338	1-104-664-11	s	ELECT 47uF 20% 25V
C339	1-131-381-00	s	TANTALUM 47uF 10% 10V
C340	1-131-381-00	s	TANTALUM 47uF 10% 10V
C341	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C342	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C343	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C344	1-126-925-11	s	ELECT 470uF 20% 10V
C345	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V

(AU-238 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
C346	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C351	1-109-994-11	s	CERAMIC, CHIP 2.2uF 10% 10V
C352	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C353	1-104-664-11	s	ELECT 47uF 20% 25V
C356	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C400	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C401	1-126-933-11	s	ELECT 100uF 20% 16V
C402	1-164-690-91	s	CERAMIC, CHIP 0.0022uF 5% 50V
C403	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C404	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C405	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C406	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C407	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C408	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C409	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C410	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C411	1-126-965-11	s	ELECT 22uF 20% 50V
C412	1-126-965-11	s	ELECT 22uF 20% 50V
C413	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C414	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C415	1-126-965-11	s	ELECT 22uF 20% 50V
C416	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C417	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C418	1-124-282-00	s	ELECT, NONPOLAR 22uF 20% 25V
C419	1-126-965-11	s	ELECT 22uF 20% 50V
C420	1-124-282-00	s	ELECT, NONPOLAR 22uF 20% 25V
C421	1-104-664-11	s	ELECT 47uF 20% 25V
C422	1-104-664-11	s	ELECT 47uF 20% 25V
C423	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C424	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C425	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C426	1-104-664-11	s	ELECT 47uF 20% 25V
C427	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C460	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C461	1-126-933-11	s	ELECT 100uF 20% 16V
C462	1-164-690-91	s	CERAMIC, CHIP 0.0022uF 5% 50V
C463	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C464	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C465	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C466	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C467	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C468	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C469	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C470	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C471	1-126-965-11	s	ELECT 22uF 20% 50V
C472	1-126-965-11	s	ELECT 22uF 20% 50V
C473	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C474	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C475	1-126-965-11	s	ELECT 22uF 20% 50V
C476	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C477	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C478	1-124-282-00	s	ELECT, NONPOLAR 22uF 20% 25V
C479	1-126-965-11	s	ELECT 22uF 20% 50V
C480	1-124-282-00	s	ELECT, NONPOLAR 22uF 20% 25V
C481	1-104-664-11	s	ELECT 47uF 20% 25V
C482	1-104-664-11	s	ELECT 47uF 20% 25V
C483	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C484	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C485	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C486	1-104-664-11	s	ELECT 47uF 20% 25V
C487	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C520	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C521	1-126-933-11	s	ELECT 100uF 20% 16V
C522	1-164-690-91	s	CERAMIC, CHIP 0.0022uF 5% 50V
C523	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C524	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C525	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C526	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C527	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C528	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C529	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C530	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C531	1-126-965-11	s	ELECT 22uF 20% 50V
C532	1-126-965-11	s	ELECT 22uF 20% 50V
C533	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C534	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C535	1-126-965-11	s	ELECT 22uF 20% 50V
C536	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C537	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C538	1-124-282-00	s	ELECT, NONPOLAR 22uF 20% 25V
C539	1-126-965-11	s	ELECT 22uF 20% 50V
C540	1-124-282-00	s	ELECT, NONPOLAR 22uF 20% 25V
C541	1-104-664-11	s	ELECT 47uF 20% 25V
C542	1-104-664-11	s	ELECT 47uF 20% 25V
C543	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C544	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C545	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C546	1-104-664-11	s	ELECT 47uF 20% 25V
C547	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C580	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C581	1-126-933-11	s	ELECT 100uF 20% 16V
C582	1-164-690-91	s	CERAMIC, CHIP 0.0022uF 5% 50V
C583	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C584	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C585	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C586	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C587	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C588	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C589	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C590	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C591	1-126-965-11	s	ELECT 22uF 20% 50V
C592	1-126-965-11	s	ELECT 22uF 20% 50V
C593	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C594	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C595	1-126-965-11	s	ELECT 22uF 20% 50V
C596	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C597	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C598	1-126-965-11	s	ELECT 22uF 20% 50V
C599	1-124-282-00	s	ELECT, NONPOLAR 22uF 20% 25V
C600	1-124-282-00	s	ELECT, NONPOLAR 22uF 20% 25V
C601	1-104-664-11	s	ELECT 47uF 20% 25V
C602	1-104-664-11	s	ELECT 47uF 20% 25V
C603	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C604	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C605	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C606	1-104-664-11	s	ELECT 47uF 20% 25V
C607	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C608	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C609	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C610	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C650	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C651	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C652	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C653	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C654	1-104-664-11	s	ELECT 47uF 20% 25V
C655	1-104-664-11	s	ELECT 47uF 20% 25V
C656	1-104-664-11	s	ELECT 47uF 20% 25V
C657	1-109-994-11	s	CERAMIC, CHIP 2.2uF 10% 10V
C658	1-109-994-11	s	CERAMIC, CHIP 2.2uF 10% 10V
C659	1-109-994-11	s	CERAMIC, CHIP 2.2uF 10% 10V
C660	1-104-664-11	s	ELECT 47uF 20% 25V
C700	1-104-664-11	s	ELECT 47uF 20% 25V
C701	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C702	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C703	1-104-664-11	s	ELECT 47uF 20% 25V
C704	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C705	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C706	1-104-664-11	s	ELECT 47uF 20% 25V
C707	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C708	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C709	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C710	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C711	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C712	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C714	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C715	1-104-664-11	s	ELECT 47uF 20% 25V
C716	1-104-664-11	s	ELECT 47uF 20% 25V
C717	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C718	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C719	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C720	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C721	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C722	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C724	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C725	1-104-664-11	s	ELECT 47uF 20% 25V
C726	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C727	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C728	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C729	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C730	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C731	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C732	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C733	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C734	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C735	1-104-664-11	s	ELECT 47uF 20% 25V
C800	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C801	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C802	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C803	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C804	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C806	1-109-994-11	s	CERAMIC, CHIP 2.2uF 10% 10V
C807	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C808	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C809	1-104-664-11	s	ELECT 47uF 20% 25V
C810	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C811	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C813	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C814	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C815	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C816	1-104-664-11	s	ELECT 47uF 20% 25V
C817	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C818	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C819	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C820	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C821	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C822	1-104-664-11	s	ELECT 47uF 20% 25V
C823	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C824	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C825	1-104-664-11	s	ELECT 47uF 20% 25V
C826	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C827	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C828	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C831	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C832	1-104-664-11	s	ELECT 47uF 20% 25V
C833	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C834	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C835	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C836	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C837	1-163-005-11	s	CERAMIC, CHIP 470pF 10% 50V
C850	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C851	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C852	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C853	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C854	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C856	1-109-994-11	s	CERAMIC, CHIP 2.2uF 10% 10V
C857	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C858	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C859	1-104-664-11	s	ELECT 47uF 20% 25V
C861	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C862	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C863	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C864	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C865	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C866	1-104-664-11	s	ELECT 47uF 20% 25V
C867	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C868	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C869	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C870	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C871	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C872	1-104-664-11	s	ELECT 47uF 20% 25V
C873	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C874	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C875	1-104-664-11	s	ELECT 47uF 20% 25V
C876	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C878	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C880	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C881	1-104-664-11	s	ELECT 47uF 20% 25V
C882	1-104-664-11	s	ELECT 47uF 20% 25V
C883	1-104-664-11	s	ELECT 47uF 20% 25V
C884	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C885	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C900	1-104-664-11	s	ELECT 47uF 20% 25V
C901	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C902	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C903	1-104-664-11	s	ELECT 47uF 20% 25V
C904	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C905	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C906	1-126-941-11	s	ELECT 470uF 20% 25V
C907	1-126-941-11	s	ELECT 470uF 20% 25V
C908	1-104-664-11	s	ELECT 47uF 20% 25V
C909	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C910	1-104-664-11	s	ELECT 47uF 20% 25V
C911	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
CN900	1-506-481-11	s	CONNECTOR, 2P, MALE
D400	8-719-820-41	s	DIODE 1SS302
D401	8-719-820-41	s	DIODE 1SS302
D402	8-719-801-48	s	DIODE 1SS193
D450	8-719-801-48	s	DIODE 1SS193
D460	8-719-820-41	s	DIODE 1SS302
D461	8-719-820-41	s	DIODE 1SS302
D500	8-719-801-48	s	DIODE 1SS193
D520	8-719-820-41	s	DIODE 1SS302
D521	8-719-820-41	s	DIODE 1SS302
D580	8-719-801-48	s	DIODE 1SS193
D581	8-719-820-41	s	DIODE 1SS302
D582	8-719-820-41	s	DIODE 1SS302
D600	8-719-820-41	s	DIODE 1SS302
D700	8-719-404-35	s	DIODE MA141WK
D701	8-719-024-81	s	DIODE 1SS300-TE85L
D702	8-719-404-35	s	DIODE MA141WK
D703	8-719-024-81	s	DIODE 1SS300-TE85L
D704	8-719-404-35	s	DIODE MA141WK
D705	8-719-404-35	s	DIODE MA141WK
D706	8-719-024-81	s	DIODE 1SS300-TE85L
D707	8-719-024-81	s	DIODE 1SS300-TE85L
D801	8-719-820-41	s	DIODE 1SS302
D803	8-719-041-39	s	DIODE KV1470
D850	8-719-820-41	s	DIODE 1SS302
D851	8-719-041-39	s	DIODE KV1470
E100	1-535-881-21	o	TERMINAL, TP
E300	1-535-881-21	o	TERMINAL, TP
E700	1-535-881-21	o	TERMINAL, TP
FB300	1-414-445-11	s	CHOKE, NOISE, CHIP
FB301	1-414-445-11	s	CHOKE, NOISE, CHIP
FB302	1-414-445-11	s	CHOKE, NOISE, CHIP
FB303	1-414-445-11	s	CHOKE, NOISE, CHIP
FB304	1-414-445-11	s	CHOKE, NOISE, CHIP
FB800	1-414-445-11	s	CHOKE, NOISE, CHIP
FB801	1-414-445-11	s	CHOKE, NOISE, CHIP
FB850	1-414-445-11	s	CHOKE, NOISE, CHIP
FB851	1-414-445-11	s	CHOKE, NOISE, CHIP
FL400	1-239-601-31	s	FILTER, NOISE
FL401	1-239-601-31	s	FILTER, NOISE
FL460	1-239-601-31	s	FILTER, NOISE
FL461	1-239-601-31	s	FILTER, NOISE
FL520	1-239-601-31	s	FILTER, NOISE
FL521	1-239-601-31	s	FILTER, NOISE
FL580	1-239-601-31	s	FILTER, NOISE
FL581	1-239-601-31	s	FILTER, NOISE
FL654	1-239-601-31	s	FILTER, NOISE
FL655	1-239-601-31	s	FILTER, NOISE
FL656	1-239-601-31	s	FILTER, NOISE
FL700	1-233-313-31	s	FILTER, NOISE

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Ref. No. or Q'ty	Part No.	SP	Description
FL701	1-233-313-31	s	FILTER, NOISE
FL800	1-233-313-31	s	FILTER, NOISE
FL801	1-233-313-31	s	FILTER, NOISE
FL850	1-233-313-31	s	FILTER, NOISE
FL851	1-233-313-31	s	FILTER, NOISE
IC100	8-759-106-02	s	IC UPC4570G2
IC101	8-759-106-02	s	IC UPC4570G2
IC102	8-759-357-73	s	IC TL32088CNS-E20
IC103	8-759-357-74	s	IC TLC320AD58CDWR
IC104	8-759-512-51	s	IC RH5RE50AA
IC105	8-759-512-51	s	IC RH5RE50AA
IC200	8-759-106-02	s	IC UPC4570G2
IC201	8-759-106-02	s	IC UPC4570G2
IC202	8-759-357-73	s	IC TL32088CNS-E20
IC203	8-759-357-74	s	IC TLC320AD58CDWR
IC301	8-759-326-71	s	IC CXD8517Q
IC302	8-759-326-71	s	IC CXD8517Q
IC303	8-759-348-81	s	IC SM5843AS1-E2
IC304	8-759-348-81	s	IC SM5843AS1-E2
IC305	8-759-512-51	s	IC RH5RE50AA
IC306	8-759-178-40	s	IC PCM69AU-K-T1
IC307	8-759-178-40	s	IC PCM69AU-K-T1
IC308	8-759-491-47	s	IC TC74VHCT08AFT(EL)
IC309	8-759-491-47	s	IC TC74VHCT08AFT(EL)
IC310	8-759-635-83	s	IC M51957BFP
IC311	8-752-360-44	s	IC CXK1203AR
IC312	8-759-523-95	s	IC TC74VHC74FT(EL)
IC313	8-759-635-83	s	IC M51957BFP
IC314	8-759-271-86	s	IC TC7SH04FU
IC315	8-759-196-97	s	IC TC7SH32FU-TE85R
IC316	8-759-196-97	s	IC TC7SH32FU-TE85R
IC321	8-759-902-88	s	IC SN74LS123NS
IC322	8-759-050-92	s	IC SN74HC164APW-E05
IC323	8-759-049-58	s	IC SN74HC04APW-E05
IC324	8-759-049-56	s	IC SN74HC02APW-E05
IC326	8-759-050-92	s	IC SN74HC164APW-E05
IC400	8-759-700-94	s	IC NJM5532M
IC401	8-759-106-02	s	IC UPC4570G2
IC402	8-759-106-02	s	IC UPC4570G2
IC403	8-759-106-02	s	IC UPC4570G2
IC404	8-759-521-14	s	IC NJM5532S-D
IC405	8-759-106-02	s	IC UPC4570G2
IC460	8-759-700-94	s	IC NJM5532M
IC461	8-759-106-02	s	IC UPC4570G2
IC462	8-759-106-02	s	IC UPC4570G2
IC463	8-759-106-02	s	IC UPC4570G2
IC464	8-759-521-14	s	IC NJM5532S-D
IC465	8-759-106-02	s	IC UPC4570G2
IC520	8-759-700-94	s	IC NJM5532M
IC521	8-759-106-02	s	IC UPC4570G2
IC522	8-759-106-02	s	IC UPC4570G2
IC523	8-759-106-02	s	IC UPC4570G2
IC524	8-759-521-14	s	IC NJM5532S-D
IC525	8-759-106-02	s	IC UPC4570G2
IC580	8-759-700-94	s	IC NJM5532M
IC581	8-759-106-02	s	IC UPC4570G2
IC582	8-759-106-02	s	IC UPC4570G2
IC583	8-759-106-02	s	IC UPC4570G2
IC584	8-759-521-14	s	IC NJM5532S-D

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Ref. No. or Q'ty	Part No.	SP	Description
IC585	8-759-106-02	s	IC UPC4570G2
IC650	8-759-009-07	s	IC MC14053BF
IC651	8-759-009-06	s	IC MC14052BF
IC652	8-759-106-02	s	IC UPC4570G2
IC653	8-759-106-02	s	IC UPC4570G2
IC654	8-759-145-57	s	IC UPC4557C
IC700	8-759-926-49	s	IC SN74HC245ANS
IC701	8-759-926-49	s	IC SN74HC245ANS
IC702	8-759-387-75	s	IC TC7W00F(TE12R)
IC703	8-759-479-32	s	IC SN75C1168NS-E05
IC704	8-759-926-12	s	IC SN74HC139ANS
IC705	8-759-049-83	s	IC SN74HC573BPW-E20
IC708	8-759-062-88	s	IC CXD8277Q
IC709	8-759-062-88	s	IC CXD8277Q
IC710	8-759-180-84	s	IC TC7W74F
IC711	8-759-069-38	s	IC CXD8278AQ
IC712	8-759-069-38	s	IC CXD8278AQ
IC713	8-759-295-09	s	IC TLC2932IPW-E20
IC714	8-759-295-09	s	IC TLC2932IPW-E20
IC715	8-759-186-69	s	IC TC74VHC367F(EL)
IC716	8-759-186-69	s	IC TC74VHC367F(EL)
IC800	8-759-186-77	s	IC TC74VHC541F
IC801	8-759-491-33	s	IC TC74VHCT08AF(EL)
IC803	8-759-362-16	s	IC CXD2913AQ
IC804	8-759-906-53	s	IC TL062CPS
IC805	8-759-172-41	s	IC L78M09T-TL
IC806	8-759-196-97	s	IC TC7SH32FU-TE85R
IC807	8-759-196-97	s	IC TC7SH32FU-TE85R
IC808	8-759-196-97	s	IC TC7SH32FU-TE85R
IC811	8-759-196-97	s	IC TC7SH32FU-TE85R
IC850	8-759-186-69	s	IC TC74VHC367F(EL)
IC851	8-759-491-41	s	IC TC74VHCT541AF(EL)
IC853	8-759-362-16	s	IC CXD2913AQ
IC854	8-759-906-53	s	IC TL062CPS
IC855	8-759-172-41	s	IC L78M09T-TL
IC856	8-759-196-97	s	IC TC7SH32FU-TE85R
IC900	8-759-172-41	s	IC L78M09T-TL
IC901	8-759-173-37	s	IC L79M09T-TL
L301	1-410-470-11	s	INDUCTOR 10uH
L302	1-410-470-11	s	INDUCTOR 10uH
L700	1-410-470-11	s	INDUCTOR 10uH
L701	1-410-470-11	s	INDUCTOR 10uH
L702	1-410-470-11	s	INDUCTOR 10uH
L703	1-410-470-11	s	INDUCTOR 10uH
L704	1-410-470-11	s	INDUCTOR 10uH
L705	1-410-470-11	s	INDUCTOR 10uH
L706	1-410-470-11	s	INDUCTOR 10uH
L800	1-410-470-11	s	INDUCTOR 10uH
L801	1-410-470-11	s	INDUCTOR 10uH
L802	1-410-470-11	s	INDUCTOR 10uH
L803	1-410-470-11	s	INDUCTOR 10uH
L804	1-410-470-11	s	INDUCTOR 10uH
L850	1-410-470-11	s	INDUCTOR 10uH
L851	1-410-470-11	s	INDUCTOR 10uH
L852	1-410-470-11	s	INDUCTOR 10uH
L853	1-410-470-11	s	INDUCTOR 10uH
L854	1-410-470-11	s	INDUCTOR 10uH
L900	1-412-533-21	s	INDUCTOR 47uH

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Ref. No. or Q'ty	Part No.	SP	Description
L901	1-412-533-21	s	INDUCTOR 47uH
L902	1-412-533-21	s	INDUCTOR 47uH
L903	1-412-533-21	s	INDUCTOR 47uH
L904	1-412-533-21	s	INDUCTOR 47uH
L905	1-412-533-21	s	INDUCTOR 47uH
L906	1-412-533-21	s	INDUCTOR 47uH
LV801	1-411-984-11	s	COIL, VAR, CHIP
LV850	1-411-984-11	s	COIL, VAR, CHIP
PS900	⚠ 1-532-984-11	s	LINK, IC 2A
PS901	⚠ 1-532-984-11	s	LINK, IC 2A
PS902	⚠ 1-532-984-11	s	LINK, IC 2A
PS903	⚠ 1-532-984-11	s	LINK, IC 2A
PS904	⚠ 1-532-675-21	s	LINK, IC 1.5A
PS905	⚠ 1-532-984-11	s	LINK, IC 2A
PS906	⚠ 1-532-984-11	s	LINK, IC 2A
Q101	8-729-202-38	s	TRANSISTOR 2SC3326N
Q102	8-729-202-38	s	TRANSISTOR 2SC3326N
Q103	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q104	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q105	8-729-202-38	s	TRANSISTOR 2SC3326N
Q106	8-729-202-38	s	TRANSISTOR 2SC3326N
Q107	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q108	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q201	8-729-202-38	s	TRANSISTOR 2SC3326N
Q202	8-729-202-38	s	TRANSISTOR 2SC3326N
Q203	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q204	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q205	8-729-202-38	s	TRANSISTOR 2SC3326N
Q206	8-729-202-38	s	TRANSISTOR 2SC3326N
Q207	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q208	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q209	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q210	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q301	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q400	8-729-027-38	s	TRANSISTOR DTA144EKA-T146
Q401	8-729-027-38	s	TRANSISTOR DTA144EKA-T146
Q402	8-729-202-38	s	TRANSISTOR 2SC3326N
Q403	8-729-202-38	s	TRANSISTOR 2SC3326N
Q404	8-729-202-38	s	TRANSISTOR 2SC3326N
Q460	8-729-027-38	s	TRANSISTOR DTA144EKA-T146
Q461	8-729-027-38	s	TRANSISTOR DTA144EKA-T146
Q462	8-729-202-38	s	TRANSISTOR 2SC3326N
Q463	8-729-202-38	s	TRANSISTOR 2SC3326N
Q464	8-729-202-38	s	TRANSISTOR 2SC3326N
Q520	8-729-027-38	s	TRANSISTOR DTA144EKA-T146
Q521	8-729-027-38	s	TRANSISTOR DTA144EKA-T146
Q522	8-729-202-38	s	TRANSISTOR 2SC3326N
Q523	8-729-202-38	s	TRANSISTOR 2SC3326N
Q524	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q525	8-729-202-38	s	TRANSISTOR 2SC3326N
Q580	8-729-027-38	s	TRANSISTOR DTA144EKA-T146
Q581	8-729-027-38	s	TRANSISTOR DTA144EKA-T146
Q582	8-729-202-38	s	TRANSISTOR 2SC3326N
Q583	8-729-202-38	s	TRANSISTOR 2SC3326N
Q584	8-729-202-38	s	TRANSISTOR 2SC3326N
Q650	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q651	8-729-029-14	s	TRANSISTOR DTC144EUA-T106

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Ref. No. or Q'ty	Part No.	SP	Description
Q652	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q653	8-729-202-38	s	TRANSISTOR 2SC3326N
Q654	8-729-202-38	s	TRANSISTOR 2SC3326N
Q655	8-729-202-38	s	TRANSISTOR 2SC3326N
Q656	8-729-202-38	s	TRANSISTOR 2SC3326N
Q657	8-729-202-38	s	TRANSISTOR 2SC3326N
Q658	8-729-028-73	s	TRANSISTOR DTA114EUA-T106
Q659	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q660	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q661	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
R100	1-216-655-11	s	METAL, CHIP 1.5k 0.5% 1/10W
R101	1-216-657-11	s	METAL, CHIP 1.8k 0.5% 1/10W
R102	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R103	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R104	1-216-669-11	s	METAL, CHIP 5.6k 0.5% 1/10W
R105	1-216-665-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R106	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R107	1-216-665-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R108	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R109	1-216-661-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R110	1-216-641-11	s	METAL, CHIP 390 0.5% 1/10W
R111	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R112	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R113	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R114	1-216-668-11	s	METAL, CHIP 5.1k 0.5% 1/10W
R115	1-216-668-11	s	METAL, CHIP 5.1k 0.5% 1/10W
R116	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R117	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R118	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R119	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R120	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R121	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R122	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R123	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R124	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R125	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R126	1-216-685-11	s	METAL, CHIP 27k 0.5% 1/10W
R127	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R128	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R129	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R130	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R131	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R132	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R133	1-216-655-11	s	METAL, CHIP 1.5k 0.5% 1/10W
R134	1-216-657-11	s	METAL, CHIP 1.8k 0.5% 1/10W
R135	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R136	1-216-665-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R137	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R138	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R139	1-216-665-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R140	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R141	1-216-669-11	s	METAL, CHIP 5.6k 0.5% 1/10W
R142	1-216-661-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R143	1-216-641-11	s	METAL, CHIP 390 0.5% 1/10W
R144	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R145	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R146	1-216-685-11	s	METAL, CHIP 27k 0.5% 1/10W
R147	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R148	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R149	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R150	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R151	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R152	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R153	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R154	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R155	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R200	1-216-655-11	s	METAL, CHIP 1.5k 0.5% 1/10W
R201	1-216-657-11	s	METAL, CHIP 1.8k 0.5% 1/10W
R202	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R203	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R204	1-216-669-11	s	METAL, CHIP 5.6k 0.5% 1/10W
R205	1-216-665-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R206	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R207	1-216-665-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R208	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R209	1-216-661-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R210	1-216-641-11	s	METAL, CHIP 390 0.5% 1/10W
R211	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R212	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R213	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R214	1-216-668-11	s	METAL, CHIP 5.1k 0.5% 1/10W
R215	1-216-668-11	s	METAL, CHIP 5.1k 0.5% 1/10W
R216	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R217	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R218	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R219	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R220	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R221	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R222	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R223	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R224	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R225	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R226	1-216-685-11	s	METAL, CHIP 27k 0.5% 1/10W
R227	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R228	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R229	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R230	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R231	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R232	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R233	1-216-655-11	s	METAL, CHIP 1.5k 0.5% 1/10W
R234	1-216-657-11	s	METAL, CHIP 1.8k 0.5% 1/10W
R235	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R236	1-216-665-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R237	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R238	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R239	1-216-665-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R240	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R241	1-216-669-11	s	METAL, CHIP 5.6k 0.5% 1/10W
R242	1-216-661-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R243	1-216-641-11	s	METAL, CHIP 390 0.5% 1/10W
R244	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R245	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R246	1-216-685-11	s	METAL, CHIP 27k 0.5% 1/10W
R247	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R248	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R249	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R250	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R251	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R252	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R253	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R254	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R255	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R256	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R257	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R258	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R259	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R260	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R261	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R300	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R301	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R302	1-216-691-11	s	METAL, CHIP 47k 0.5% 1/10W
R303	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R304	1-216-663-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R305	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R306	1-216-691-11	s	METAL, CHIP 47k 0.5% 1/10W
R307	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R308	1-216-679-11	s	METAL, CHIP 15k 0.5% 1/10W
R309	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R310	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R314	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R315	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R318	1-216-649-11	s	METAL, CHIP 820 0.5% 1/10W
R319	1-216-649-11	s	METAL, CHIP 820 0.5% 1/10W
R320	1-216-649-11	s	METAL, CHIP 820 0.5% 1/10W
R321	1-216-649-11	s	METAL, CHIP 820 0.5% 1/10W
R322	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R323	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R324	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R325	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R327	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R329	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R331	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R341	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R343	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R345	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R347	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R348	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R349	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R350	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R351	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R353	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R361	1-216-683-11	s	METAL, CHIP 22k 0.5% 1/10W
R362	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R363	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R365	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R366	1-218-760-11	s	METAL, CHIP 220k 0.50% 1/10W
R400	1-216-666-11	s	METAL, CHIP 4.3k 0.5% 1/10W
R401	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R402	1-216-659-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R403	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R404	1-216-659-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R405	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R406	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R407	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R408	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R409	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R410	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R411	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R412	1-216-657-11	s	METAL, CHIP 1.8k 0.5% 1/10W
R413	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R414	1-216-661-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R415	1-216-641-11	s	METAL, CHIP 390 0.5% 1/10W
R416	1-216-663-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R417	1-216-691-11	s	METAL, CHIP 47k 0.5% 1/10W
R418	1-216-687-11	s	METAL, CHIP 33k 0.5% 1/10W
R419	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R420	1-216-687-11	s	METAL, CHIP 33k 0.5% 1/10W
R421	1-216-693-11	s	METAL, CHIP 56k 0.5% 1/10W
R422	1-216-679-11	s	METAL, CHIP 15k 0.5% 1/10W
R423	1-216-685-11	s	METAL, CHIP 27k 0.5% 1/10W
R424	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R425	1-216-665-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R426	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R427	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R428	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R429	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R430	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R431	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R432	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R433	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R434	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R435	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R436	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R437	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R438	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R439	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R440	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R441	1-216-699-11	s	METAL, CHIP 100k 0.5% 1/10W
R442	1-216-699-11	s	METAL, CHIP 100k 0.5% 1/10W
R443	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R444	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R445	1-220-242-11	s	METAL, CHIP 22 5% 1/4W
R446	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R447	1-220-242-11	s	METAL, CHIP 22 5% 1/4W
R448	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R449	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R450	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R451	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R452	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R460	1-216-666-11	s	METAL, CHIP 4.3k 0.5% 1/10W
R461	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R462	1-216-659-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R463	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R464	1-216-659-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R467	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R468	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R469	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R470	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R471	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R472	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R473	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R474	1-216-657-11	s	METAL, CHIP 1.8k 0.5% 1/10W
R475	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R476	1-216-661-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R477	1-216-641-11	s	METAL, CHIP 390 0.5% 1/10W
R478	1-216-663-11	s	METAL, CHIP 3.3k 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R479	1-216-691-11	s	METAL, CHIP 47k 0.5% 1/10W
R480	1-216-687-11	s	METAL, CHIP 33k 0.5% 1/10W
R481	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R482	1-216-687-11	s	METAL, CHIP 33k 0.5% 1/10W
R483	1-216-693-11	s	METAL, CHIP 56k 0.5% 1/10W
R484	1-216-679-11	s	METAL, CHIP 15k 0.5% 1/10W
R485	1-216-685-11	s	METAL, CHIP 27k 0.5% 1/10W
R486	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R487	1-216-665-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R488	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R489	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R490	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R491	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R492	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R493	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R494	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R495	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R496	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R497	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R498	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R499	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R500	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R501	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R502	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R503	1-216-699-11	s	METAL, CHIP 100k 0.5% 1/10W
R504	1-216-699-11	s	METAL, CHIP 100k 0.5% 1/10W
R505	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R506	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R507	1-220-242-11	s	METAL, CHIP 22 5% 1/4W
R508	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R509	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R510	1-220-242-11	s	METAL, CHIP 22 5% 1/4W
R511	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R512	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R513	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R514	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R520	1-216-666-11	s	METAL, CHIP 4.3k 0.5% 1/10W
R521	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R522	1-216-659-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R523	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R524	1-216-659-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R525	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R526	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R527	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R528	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R529	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R530	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R531	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R532	1-216-657-11	s	METAL, CHIP 1.8k 0.5% 1/10W
R533	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R534	1-216-661-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R535	1-216-641-11	s	METAL, CHIP 390 0.5% 1/10W
R536	1-216-663-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R537	1-216-691-11	s	METAL, CHIP 47k 0.5% 1/10W
R538	1-216-687-11	s	METAL, CHIP 33k 0.5% 1/10W
R539	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R540	1-216-687-11	s	METAL, CHIP 33k 0.5% 1/10W
R541	1-216-693-11	s	METAL, CHIP 56k 0.5% 1/10W
R542	1-216-679-11	s	METAL, CHIP 15k 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R543	1-216-685-11	s	METAL, CHIP 27k 0.5% 1/10W
R544	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R545	1-216-665-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R546	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R547	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R548	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R549	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R550	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R551	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R552	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R553	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R554	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R555	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R556	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R557	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R558	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R559	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R560	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R561	1-216-699-11	s	METAL, CHIP 100k 0.5% 1/10W
R562	1-216-699-11	s	METAL, CHIP 100k 0.5% 1/10W
R563	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R564	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R565	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R566	1-220-242-11	s	METAL, CHIP 22 5% 1/4W
R567	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R568	1-220-242-11	s	METAL, CHIP 22 5% 1/4W
R569	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R570	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R571	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R572	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R573	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R580	1-216-666-11	s	METAL, CHIP 4.3k 0.5% 1/10W
R581	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R582	1-216-659-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R583	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R584	1-216-659-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R585	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R586	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R587	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R588	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R589	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R590	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R591	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R592	1-216-657-11	s	METAL, CHIP 1.8k 0.5% 1/10W
R593	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R594	1-216-661-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R595	1-216-641-11	s	METAL, CHIP 390 0.5% 1/10W
R596	1-216-663-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R597	1-216-691-11	s	METAL, CHIP 47k 0.5% 1/10W
R598	1-216-687-11	s	METAL, CHIP 33k 0.5% 1/10W
R599	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R600	1-216-687-11	s	METAL, CHIP 33k 0.5% 1/10W
R601	1-216-693-11	s	METAL, CHIP 56k 0.5% 1/10W
R602	1-216-679-11	s	METAL, CHIP 15k 0.5% 1/10W
R603	1-216-685-11	s	METAL, CHIP 27k 0.5% 1/10W
R604	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R605	1-216-665-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R606	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R607	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R608	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R609	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R610	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R611	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R612	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R613	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R614	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R615	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R616	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R617	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R618	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R619	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R620	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R621	1-216-699-11	s	METAL, CHIP 100k 0.5% 1/10W
R622	1-216-699-11	s	METAL, CHIP 100k 0.5% 1/10W
R623	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R624	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R625	1-220-242-11	s	METAL, CHIP 22 5% 1/4W
R626	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R627	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R628	1-220-242-11	s	METAL, CHIP 22 5% 1/4W
R629	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R630	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R631	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R632	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R650	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R651	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R652	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R653	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R654	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R656	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R657	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R658	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R659	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R660	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R661	1-216-666-11	s	METAL, CHIP 4.3k 0.5% 1/10W
R662	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R664	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R665	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R666	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R667	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R668	1-216-673-11	s	METAL, CHIP 8.2k 0.5% 1/10W
R669	1-216-689-11	s	METAL, CHIP 39k 0.5% 1/10W
R670	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R671	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R672	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R673	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R674	1-216-687-11	s	METAL, CHIP 33k 0.5% 1/10W
R676	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R678	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R679	1-216-673-11	s	METAL, CHIP 8.2k 0.5% 1/10W
R680	1-216-689-11	s	METAL, CHIP 39k 0.5% 1/10W
R681	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R682	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R683	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R684	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R685	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R686	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R701	1-216-001-00	s	METAL, CHIP 10 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R702	1-216-001-00	s	METAL, CHIP 10 5% 1/10W
R703	1-216-001-00	s	METAL, CHIP 10 5% 1/10W
R704	1-216-001-00	s	METAL, CHIP 10 5% 1/10W
R705	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R707	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R708	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R709	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R712	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R713	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R716	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R717	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R720	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R721	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R723	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R729	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R741	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R742	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R743	1-216-679-11	s	METAL, CHIP 15k 0.5% 1/10W
R748	1-216-657-11	s	METAL, CHIP 1.8k 0.5% 1/10W
R749	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W
R754	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R755	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R756	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R757	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R769	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R770	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R771	1-216-679-11	s	METAL, CHIP 15k 0.5% 1/10W
R776	1-216-657-11	s	METAL, CHIP 1.8k 0.5% 1/10W
R777	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W
R782	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R783	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R784	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R785	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R786	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R787	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R788	1-216-619-11	s	METAL, CHIP 47 0.5% 1/10W
R800	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R804	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R805	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R806	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R807	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R808	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R809	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R810	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R811	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R813	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R814	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R816	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R817	1-216-091-00	s	METAL, CHIP 56k 5% 1/10W
R818	1-216-083-00	s	METAL, CHIP 27k 5% 1/10W
R819	1-216-083-00	s	METAL, CHIP 27k 5% 1/10W
R820	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R821	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R822	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R823	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R824	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R825	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R826	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R828	1-216-061-00	s	METAL, CHIP 3.3k 5% 1/10W

(AU-238 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
R829	1-216-061-00	s	METAL, CHIP 3.3k 5% 1/10W
R830	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R831	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R832	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R833	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R834	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R835	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R836	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R838	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R839	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R840	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R841	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R850	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R860	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R861	1-216-091-00	s	METAL, CHIP 56k 5% 1/10W
R862	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R863	1-216-083-00	s	METAL, CHIP 27k 5% 1/10W
R864	1-216-083-00	s	METAL, CHIP 27k 5% 1/10W
R865	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R866	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R867	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R868	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R869	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R871	1-216-061-00	s	METAL, CHIP 3.3k 5% 1/10W
R872	1-216-061-00	s	METAL, CHIP 3.3k 5% 1/10W
R873	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R874	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R875	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R876	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
RB300	1-233-237-11	s	RESISTOR BLOCK, CHIP 100k x 4
RB301	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB302	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB303	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB304	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB305	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB700	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB701	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB702	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB703	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB704	1-233-448-11	s	RESISTOR BLOCK, CHIP 22 x 4
RB705	1-233-448-11	s	RESISTOR BLOCK, CHIP 22 x 4
RB800	1-233-448-11	s	RESISTOR BLOCK, CHIP 22 x 4
RB801	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB850	1-233-448-11	s	RESISTOR BLOCK, CHIP 22 x 4
RV400	1-241-264-11	s	RES, ADJ, METAL 10k
RV460	1-241-264-11	s	RES, ADJ, METAL 10k
RV520	1-241-264-11	s	RES, ADJ, METAL 10k
RV580	1-241-264-11	s	RES, ADJ, METAL 10k
RY400	1-515-716-11	s	RELAY (TQ2-5V)
RY460	1-515-716-11	s	RELAY (TQ2-5V)
RY520	1-515-716-11	s	RELAY (TQ2-5V)
RY580	1-515-716-11	s	RELAY (TQ2-5V)
S400	1-692-023-21	s	SWITCH, DIP, CHIP 2-CKT
S460	1-692-023-21	s	SWITCH, DIP, CHIP 2-CKT
S520	1-692-023-21	s	SWITCH, DIP, CHIP 2-CKT
S580	1-692-023-21	s	SWITCH, DIP, CHIP 2-CKT

CC-75 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
C1	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
CN50	1-562-708-11	o	CONNECTOR, FPC 13P, FEMALE
CN51	1-580-472-11	s	CONNECTOR, FPC 5P
CN52	1-564-001-11	o	CONNECTOR, 2P, MALE
PH1	8-719-991-24	s	PHOTO TRANSISTOR GP1S23
PH2	8-719-991-24	s	PHOTO TRANSISTOR GP1S23
PH3	8-719-991-24	s	PHOTO TRANSISTOR GP1S23
R1	1-216-031-00	s	METAL, CHIP 180 5% 1/10W
R2	1-216-031-00	s	METAL, CHIP 180 5% 1/10W
R3	1-216-031-00	s	METAL, CHIP 180 5% 1/10W

CC-76 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
CN53	1-750-248-21	o	CONNECTOR, FPC 5P
PH1	8-719-948-58	s	PHOTO SENSOR GP2S07B
PH2	8-719-948-58	s	PHOTO SENSOR GP2S07B
PH3	8-719-948-58	s	PHOTO SENSOR GP2S07B
R1	1-216-031-00	s	METAL, CHIP 180 5% 1/10W
R2	1-216-031-00	s	METAL, CHIP 180 5% 1/10W
R3	1-216-031-00	s	METAL, CHIP 180 5% 1/10W

CP-276 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8277-857-A	o	MOUNTED CIRCUIT BOARD, CP-276
C1	1-126-933-11	s	ELECT 100uF 20% 16V
C2	1-126-933-11	s	ELECT 100uF 20% 16V
C3	1-126-964-11	s	ELECT 10uF 20% 50V
C4	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V
C5	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V
C6	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V
C7	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V
C8	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V
CN1	1-778-665-11	s	CONNECTOR, BNC, FEMALE
CN2	1-778-665-11	s	CONNECTOR, BNC, FEMALE
CN3	1-778-665-11	s	CONNECTOR, BNC, FEMALE
CN4	1-766-596-11	s	JACK, PIN 1P, FEMALE
CN5	1-573-590-13	s	CONNECTOR, CIRCULAR 4P(S), FEMALE
CN6	1-573-590-13	s	CONNECTOR, CIRCULAR 4P(S), FEMALE
CN601	1-766-790-11	o	CONNECTOR, BOARD TO BOARD 12P
CN602	1-766-790-11	o	CONNECTOR, BOARD TO BOARD 12P
CN603	1-766-790-11	o	CONNECTOR, BOARD TO BOARD 12P
FL1	1-236-129-11	s	FILTER, NOISE
FL2	1-236-058-11	s	COMPOSITION CIRCUIT BLOCK
FL3	1-236-058-11	s	COMPOSITION CIRCUIT BLOCK
FL4	1-236-129-11	s	FILTER, NOISE
FL5	1-236-058-11	s	COMPOSITION CIRCUIT BLOCK
FL6	1-236-129-11	s	FILTER, NOISE
FL7	1-236-129-11	s	FILTER, NOISE
FL8	1-236-129-11	s	FILTER, NOISE
FL9	1-236-129-11	s	FILTER, NOISE
FL10	1-236-129-11	s	FILTER, NOISE
FL11	1-236-058-11	s	COMPOSITION CIRCUIT BLOCK
FL12	1-236-129-11	s	FILTER, NOISE
FL13	1-236-129-11	s	FILTER, NOISE
FL14	1-236-129-11	s	FILTER, NOISE
FL15	1-236-129-11	s	FILTER, NOISE
FL16	1-236-129-11	s	FILTER, NOISE
Q1	8-729-117-32	s	TRANSISTOR 2SC4177
Q2	8-729-907-46	s	TRANSISTOR IMZ1
Q3	8-729-904-41	s	TRANSISTOR FMY3
R1	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W
R2	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W
R3	1-216-625-11	s	METAL, CHIP 82 0.5% 1/10W
R4	1-216-625-11	s	METAL, CHIP 82 0.5% 1/10W
R5	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R6	1-216-077-00	s	METAL, CHIP 15k 5% 1/10W
R7	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R8	1-216-077-00	s	METAL, CHIP 15k 5% 1/10W
R9	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R10	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R11	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R12	1-216-069-00	s	METAL, CHIP 6.8k 5% 1/10W
R13	1-216-625-11	s	METAL, CHIP 82 0.5% 1/10W
R14	1-216-625-11	s	METAL, CHIP 82 0.5% 1/10W
R15	1-216-625-11	s	METAL, CHIP 82 0.5% 1/10W
R16	1-216-079-00	s	METAL, CHIP 18k 5% 1/10W
R17	1-216-059-00	s	METAL, CHIP 2.7k 5% 1/10W
R18	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R19	1-216-009-91	s	METAL, CHIP 22 5% 1/10W

(CP-276 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
S1	1-570-157-51	s	SWITCH, SLIDE
S2	1-570-157-51	s	SWITCH, SLIDE

CP-281 BOARD(DSR-85(UC)/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8277-860-A	o	MOUNTED CIRCUIT BOARD, CP-281
C1	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C2	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C3	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C4	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C51	1-126-935-11	s	ELECT 470uF 20% 16V
C52	1-126-935-11	s	ELECT 470uF 20% 16V
C61	1-126-935-11	s	ELECT 470uF 20% 16V
C62	1-126-935-11	s	ELECT 470uF 20% 16V
C71	1-126-935-11	s	ELECT 470uF 20% 16V
C72	1-126-935-11	s	ELECT 470uF 20% 16V
C81	1-126-935-11	s	ELECT 470uF 20% 16V
C82	1-126-935-11	s	ELECT 470uF 20% 16V
C91	1-124-589-11	s	ELECT 47uF 20% 16V
C92	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C93	1-124-589-11	s	ELECT 47uF 20% 16V
C94	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C100	1-124-242-00	s	ELECT 33uF 20% 25V
C101	1-124-242-00	s	ELECT 33uF 20% 25V
C102	1-124-242-00	s	ELECT 33uF 20% 25V
C103	1-124-242-00	s	ELECT 33uF 20% 25V
C104	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C105	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C106	1-124-242-00	s	ELECT 33uF 20% 25V
C107	1-124-242-00	s	ELECT 33uF 20% 25V
C108	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C109	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C110	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C111	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C112	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C113	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C114	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C115	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C116	1-124-242-00	s	ELECT 33uF 20% 25V
C117	1-124-242-00	s	ELECT 33uF 20% 25V
C200	1-124-242-00	s	ELECT 33uF 20% 25V
C201	1-124-242-00	s	ELECT 33uF 20% 25V
C202	1-124-242-00	s	ELECT 33uF 20% 25V
C203	1-124-242-00	s	ELECT 33uF 20% 25V
C204	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C205	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C206	1-124-242-00	s	ELECT 33uF 20% 25V
C207	1-124-242-00	s	ELECT 33uF 20% 25V
C208	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C209	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C210	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C211	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C212	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C213	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C214	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C215	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C216	1-124-242-00	s	ELECT 33uF 20% 25V
C217	1-124-242-00	s	ELECT 33uF 20% 25V
CN21	1-750-786-11	s	CONNECTOR, XLR 3P, FEMALE
CN22	1-750-785-11	s	CONNECTOR, XLR 3P, MALE
CN23	1-750-786-11	s	CONNECTOR, XLR 3P, FEMALE
CN24	1-750-786-11	s	CONNECTOR, XLR 3P, FEMALE
CN25	1-750-785-11	s	CONNECTOR, XLR 3P, MALE

(CP-281 BOARD(DSR-85(UC)/85P))

Ref. No. or Q'ty	Part No.	SP	Description
CN26	1-750-785-11	s	CONNECTOR, XLR 3P, MALE
CN604	1-766-790-11	o	CONNECTOR, BOARD TO BOARD 12P
CN605	1-766-790-11	o	CONNECTOR, BOARD TO BOARD 12P
CN606	1-766-790-11	o	CONNECTOR, BOARD TO BOARD 12P
D100	8-719-941-23	s	DIODE DA204U
D101	8-719-941-23	s	DIODE DA204U
D102	8-719-941-23	s	DIODE DA204U
D103	8-719-941-23	s	DIODE DA204U
D200	8-719-941-23	s	DIODE DA204U
D201	8-719-941-23	s	DIODE DA204U
D202	8-719-941-23	s	DIODE DA204U
D203	8-719-941-23	s	DIODE DA204U
FL1	1-236-129-11	s	FILTER, NOISE
FL2	1-236-129-11	s	FILTER, NOISE
FL3	1-236-129-11	s	FILTER, NOISE
FL4	1-236-129-11	s	FILTER, NOISE
IC100	8-759-106-02	s	IC UPC4570G2
IC101	8-759-106-02	s	IC UPC4570G2
IC102	8-759-106-02	s	IC UPC4570G2
IC103	8-759-106-02	s	IC UPC4570G2
IC200	8-759-106-02	s	IC UPC4570G2
IC201	8-759-106-02	s	IC UPC4570G2
IC202	8-759-106-02	s	IC UPC4570G2
IC203	8-759-106-02	s	IC UPC4570G2
R1	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R2	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R3	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R4	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R11	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R12	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R15	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R21	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R22	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R25	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R31	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R32	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R35	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R41	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R42	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R45	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R52	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R55	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R62	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R65	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R72	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R75	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R82	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R85	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R100	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R101	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R102	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R103	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R104	1-216-683-11	s	METAL, CHIP 22k 0.5% 1/10W
R105	1-216-683-11	s	METAL, CHIP 22k 0.5% 1/10W
R106	1-216-671-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R107	1-216-671-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R108	1-216-669-11	s	METAL, CHIP 5.6k 0.5% 1/10W
R109	1-216-669-11	s	METAL, CHIP 5.6k 0.5% 1/10W

(CP-281 BOARD(DSR-85(UC)/85P))

Ref. No. or Q'ty	Part No.	SP	Description
R110	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R111	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R112	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R113	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R114	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R115	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R116	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R117	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R118	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R119	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R120	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R121	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R122	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R123	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R124	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R125	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R126	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R127	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R128	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R129	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R130	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R131	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R151	1-216-671-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R152	1-216-671-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R200	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R201	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R202	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R203	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R204	1-216-683-11	s	METAL, CHIP 22k 0.5% 1/10W
R205	1-216-683-11	s	METAL, CHIP 22k 0.5% 1/10W
R206	1-216-671-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R207	1-216-671-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R208	1-216-669-11	s	METAL, CHIP 5.6k 0.5% 1/10W
R209	1-216-669-11	s	METAL, CHIP 5.6k 0.5% 1/10W
R210	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R211	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R212	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R213	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R214	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R215	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R216	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R217	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R218	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R219	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R220	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R221	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R222	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R223	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R224	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R225	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R226	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R227	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R228	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R229	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R230	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R231	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R251	1-216-671-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R252	1-216-671-11	s	METAL, CHIP 6.8k 0.5% 1/10W

(CP-281 BOARD(DSR-85(UC)/85P))

Ref. No. or Q'ty	Part No.	SP	Description
S1	1-570-157-11	s	SWITCH, SLIDE
S2	1-570-157-11	s	SWITCH, SLIDE
S3	1-570-157-11	s	SWITCH, SLIDE
S4	1-570-157-11	s	SWITCH, SLIDE
S100	1-692-505-11	s	SWITCH, SLIDE
S101	1-692-505-11	s	SWITCH, SLIDE
S200	1-692-505-11	s	SWITCH, SLIDE
S201	1-692-505-11	s	SWITCH, SLIDE
T1	1-437-194-21	s	TRANSFORMER, PULSE
T2	1-437-194-21	s	TRANSFORMER, PULSE
T3	1-437-194-21	s	TRANSFORMER, PULSE
T4	1-437-194-21	s	TRANSFORMER, PULSE

CP-281J BOARD(DSR-85(J))

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8311-078-A	o	MOUNTED CIRCUIT BOARD, CP-281J
C1	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C2	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C3	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C4	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C51	1-126-935-11	s	ELECT 470uF 20% 16V
C52	1-126-935-11	s	ELECT 470uF 20% 16V
C61	1-126-935-11	s	ELECT 470uF 20% 16V
C62	1-126-935-11	s	ELECT 470uF 20% 16V
C71	1-126-935-11	s	ELECT 470uF 20% 16V
C72	1-126-935-11	s	ELECT 470uF 20% 16V
C81	1-126-935-11	s	ELECT 470uF 20% 16V
C82	1-126-935-11	s	ELECT 470uF 20% 16V
C91	1-124-589-11	s	ELECT 47uF 20% 16V
C92	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C93	1-124-589-11	s	ELECT 47uF 20% 16V
C94	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C100	1-124-242-00	s	ELECT 33uF 20% 25V
C101	1-124-242-00	s	ELECT 33uF 20% 25V
C102	1-124-242-00	s	ELECT 33uF 20% 25V
C103	1-124-242-00	s	ELECT 33uF 20% 25V
C104	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C105	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C106	1-124-242-00	s	ELECT 33uF 20% 25V
C107	1-124-242-00	s	ELECT 33uF 20% 25V
C108	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C109	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C110	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C111	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C112	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C113	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C114	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C115	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C116	1-124-242-00	s	ELECT 33uF 20% 25V
C117	1-124-242-00	s	ELECT 33uF 20% 25V
C200	1-124-242-00	s	ELECT 33uF 20% 25V
C201	1-124-242-00	s	ELECT 33uF 20% 25V
C202	1-124-242-00	s	ELECT 33uF 20% 25V
C203	1-124-242-00	s	ELECT 33uF 20% 25V
C204	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C205	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C206	1-124-242-00	s	ELECT 33uF 20% 25V
C207	1-124-242-00	s	ELECT 33uF 20% 25V
C208	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C209	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C210	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C211	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C212	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C213	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C214	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C215	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C216	1-124-242-00	s	ELECT 33uF 20% 25V
C217	1-124-242-00	s	ELECT 33uF 20% 25V
CN21	1-750-786-11	s	CONNECTOR, XLR 3P, FEMALE
CN22	1-750-785-11	s	CONNECTOR, XLR 3P, MALE
CN23	1-750-785-11	s	CONNECTOR, XLR 3P, MALE
CN24	1-750-785-11	s	CONNECTOR, XLR 3P, MALE
CN25	1-750-786-11	s	CONNECTOR, XLR 3P, FEMALE

(CP-281J BOARD(DSR-85(J)))

Ref. No. or Q'ty	Part No.	SP	Description
CN26	1-750-786-11	s	CONNECTOR, XLR 3P, FEMALE
CN604	1-766-790-11	o	CONNECTOR, BOARD TO BOARD 12P
CN605	1-766-790-11	o	CONNECTOR, BOARD TO BOARD 12P
CN606	1-766-790-11	o	CONNECTOR, BOARD TO BOARD 12P
D100	8-719-941-23	s	DIODE DA204U
D101	8-719-941-23	s	DIODE DA204U
D102	8-719-941-23	s	DIODE DA204U
D103	8-719-941-23	s	DIODE DA204U
D200	8-719-941-23	s	DIODE DA204U
D201	8-719-941-23	s	DIODE DA204U
D202	8-719-941-23	s	DIODE DA204U
D203	8-719-941-23	s	DIODE DA204U
FL1	1-236-129-11	s	FILTER, NOISE
FL2	1-236-129-11	s	FILTER, NOISE
FL3	1-236-129-11	s	FILTER, NOISE
FL4	1-236-129-11	s	FILTER, NOISE
IC100	8-759-106-02	s	IC UPC4570G2
IC101	8-759-106-02	s	IC UPC4570G2
IC102	8-759-106-02	s	IC UPC4570G2
IC103	8-759-106-02	s	IC UPC4570G2
IC200	8-759-106-02	s	IC UPC4570G2
IC201	8-759-106-02	s	IC UPC4570G2
IC202	8-759-106-02	s	IC UPC4570G2
IC203	8-759-106-02	s	IC UPC4570G2
R1	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R2	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R3	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R4	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R13	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R14	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R15	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R23	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R24	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R25	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R33	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R34	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R35	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R43	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R44	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R45	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R53	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R54	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R63	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R64	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R73	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R74	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R83	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R84	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R100	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R101	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R102	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R103	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R104	1-216-683-11	s	METAL, CHIP 22k 0.5% 1/10W
R105	1-216-683-11	s	METAL, CHIP 22k 0.5% 1/10W
R106	1-216-671-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R107	1-216-671-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R108	1-216-669-11	s	METAL, CHIP 5.6k 0.5% 1/10W
R109	1-216-669-11	s	METAL, CHIP 5.6k 0.5% 1/10W

(CP-281J BOARD(DSR-85(J)))

Ref. No. or Q'ty	Part No.	SP	Description
R110	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R111	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R112	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R113	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R114	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R115	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R116	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R117	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R118	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R119	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R120	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R121	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R122	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R123	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R124	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R125	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R126	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R127	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R128	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R129	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R130	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R131	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R151	1-216-671-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R152	1-216-671-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R200	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R201	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R202	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R203	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R204	1-216-683-11	s	METAL, CHIP 22k 0.5% 1/10W
R205	1-216-683-11	s	METAL, CHIP 22k 0.5% 1/10W
R206	1-216-671-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R207	1-216-671-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R208	1-216-669-11	s	METAL, CHIP 5.6k 0.5% 1/10W
R209	1-216-669-11	s	METAL, CHIP 5.6k 0.5% 1/10W
R210	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R211	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R212	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R213	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R214	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R215	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R216	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R217	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R218	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R219	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R220	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R221	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R222	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R223	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R224	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R225	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R226	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R227	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R228	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R229	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R230	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R231	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R251	1-216-671-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R252	1-216-671-11	s	METAL, CHIP 6.8k 0.5% 1/10W

(CP-281J BOARD(DSR-85(J)))

Ref. No. or Q'ty	Part No.	SP	Description
S1	1-570-157-11	s	SWITCH, SLIDE
S2	1-570-157-11	s	SWITCH, SLIDE
S3	1-570-157-11	s	SWITCH, SLIDE
S4	1-570-157-11	s	SWITCH, SLIDE
S100	1-692-505-11	s	SWITCH, SLIDE
S101	1-692-505-11	s	SWITCH, SLIDE
S200	1-692-505-11	s	SWITCH, SLIDE
S201	1-692-505-11	s	SWITCH, SLIDE
T1	1-437-194-21	s	TRANSFORMER, PULSE
T2	1-437-194-21	s	TRANSFORMER, PULSE
T3	1-437-194-21	s	TRANSFORMER, PULSE
T4	1-437-194-21	s	TRANSFORMER, PULSE

DA-120 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8277-862-B	s	MOUNTED CIRCUIT BOARD, DA-120
1pc	7-621-759-45	s	+PSW, 2.6x6
1pc	3-179-084-01	s	LEVER (R), PRINTED CIRCUIT BOARD
1pc	3-179-085-01	s	LEVER (L), PRINTED CIRCUIT BOARD
C102	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C103	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C104	1-104-664-11	s	ELECT 47uF 20% 25V
C105	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C106	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C107	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C108	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C109	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C110	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C111	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C112	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C113	1-109-994-11	s	CERAMIC, CHIP 2.2uF 10% 10V
C114	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C115	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C116	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C117	1-104-664-11	s	ELECT 47uF 20% 25V
C118	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C119	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C120	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C121	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C122	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C123	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C201	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C202	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C206	1-104-664-11	s	ELECT 47uF 20% 25V
C207	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C208	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C209	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C210	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C211	1-104-664-11	s	ELECT 47uF 20% 25V
C212	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C213	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C214	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C215	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C216	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C217	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C218	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C219	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C220	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C221	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C222	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C223	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C224	1-104-664-11	s	ELECT 47uF 20% 25V
C225	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C226	1-104-664-11	s	ELECT 47uF 20% 25V
C227	1-104-664-11	s	ELECT 47uF 20% 25V
C229	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C230	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C231	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C232	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C233	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C234	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C235	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C236	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C237	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C238	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C239	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C240	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C241	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C242	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C243	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C244	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C245	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C246	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C247	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C248	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C249	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C250	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C251	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C252	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C253	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C254	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C255	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C301	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C302	1-104-664-11	s	ELECT 47uF 20% 25V
C303	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C304	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C305	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C306	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C307	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C309	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C310	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C311	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C312	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C313	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C314	1-104-664-11	s	ELECT 47uF 20% 25V
C315	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C316	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C317	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C318	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C319	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C320	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C321	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C322	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C323	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C324	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C325	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C326	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C327	1-104-664-11	s	ELECT 47uF 20% 25V
C328	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C329	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C330	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C331	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C332	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C333	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C334	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C335	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C336	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C337	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C338	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C339	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C340	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C341	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C342	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C343	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C344	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C345	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C346	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C347	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C348	1-104-664-11	s	ELECT 47uF 20% 25V
C349	1-104-664-11	s	ELECT 47uF 20% 25V
C350	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C351	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C352	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C353	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C354	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C355	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C356	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C357	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C358	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C359	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C360	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C361	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C362	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C363	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C364	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C365	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C366	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C367	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C368	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C369	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C370	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C371	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C372	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C373	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C374	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C375	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C376	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C377	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C378	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C401	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C402	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C403	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C404	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C406	1-109-994-11	s	CERAMIC, CHIP 2.2uF 10% 10V
C407	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C408	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C409	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C410	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C411	1-104-664-11	s	ELECT 47uF 20% 25V
C412	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C413	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C414	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C415	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C416	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C417	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C418	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C419	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C420	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C421	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C422	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C423	1-104-664-11	s	ELECT 47uF 20% 25V
C424	1-104-664-11	s	ELECT 47uF 20% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C425	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C426	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C428	1-109-994-11	s	CERAMIC, CHIP 2.2uF 10% 10V
C429	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C430	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C431	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C432	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C433	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C434	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C435	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C436	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C437	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C438	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C439	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C440	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C441	1-104-664-11	s	ELECT 47uF 20% 25V
C442	1-104-664-11	s	ELECT 47uF 20% 25V
C443	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C444	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C445	1-104-664-11	s	ELECT 47uF 20% 25V
C446	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C447	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C449	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C454	1-104-664-11	s	ELECT 47uF 20% 25V
C455	1-104-664-11	s	ELECT 47uF 20% 25V
C501	1-104-664-11	s	ELECT 47uF 20% 25V
C502	1-104-664-11	s	ELECT 47uF 20% 25V
C503	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C504	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C505	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C506	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C507	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C508	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C509	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C510	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C511	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C512	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C513	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C514	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C515	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C516	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C517	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C518	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C519	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C520	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C521	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C522	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C523	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C524	1-104-664-11	s	ELECT 47uF 20% 25V
C525	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C526	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C527	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C528	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C529	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C530	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C531	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C532	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C533	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C534	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C535	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C536	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C601	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C602	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C603	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C604	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C605	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C606	1-104-664-11	s	ELECT 47uF 20% 25V
C607	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C608	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C609	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C610	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C611	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
CP201	1-117-211-11	s	CERAMIC, CHIP 470pF 10% 50V
CP202	1-117-211-11	s	CERAMIC, CHIP 470pF 10% 50V
CP301	1-117-211-11	s	CERAMIC, CHIP 470pF 10% 50V
CP302	1-117-211-11	s	CERAMIC, CHIP 470pF 10% 50V
CP303	1-117-211-11	s	CERAMIC, CHIP 470pF 10% 50V
CP304	1-117-211-11	s	CERAMIC, CHIP 470pF 10% 50V
D403	8-719-041-39	s	DIODE KV1470
D404	8-719-041-39	s	DIODE KV1470
D405	8-719-941-04	s	DIODE SB007-03CP
D407	8-719-820-41	s	DIODE 1SS302
D408	8-719-820-41	s	DIODE 1SS302
E101	1-535-881-21	o	TERMINAL, TP
E202	1-535-881-21	o	TERMINAL, TP
E301	1-535-881-21	o	TERMINAL, TP
E401	1-535-881-21	o	TERMINAL, TP
E402	1-535-881-21	o	TERMINAL, TP
E501	1-535-881-21	o	TERMINAL, TP
FB101	1-414-445-11	s	CHOKE, NOISE, CHIP
FB501	1-414-445-11	s	CHOKE, NOISE, CHIP
FL201	1-233-313-31	s	FILTER, NOISE
FL202	1-233-313-31	s	FILTER, NOISE
FL301	1-233-313-31	s	FILTER, NOISE
FL302	1-233-313-31	s	FILTER, NOISE
IC101	8-759-491-41	s	IC TC74VHCT541AF(EL)
IC102	8-759-524-09	s	IC TC74VHC153FT(EL)
IC103	8-759-524-09	s	IC TC74VHC153FT(EL)
IC104	8-759-524-09	s	IC TC74VHC153FT(EL)
IC105	8-759-524-09	s	IC TC74VHC153FT(EL)
IC106	8-759-491-47	s	IC TC74VHCT08AFT(EL)
IC107	8-759-524-09	s	IC TC74VHC153FT(EL)
IC108	8-759-524-09	s	IC TC74VHC153FT(EL)
IC109	8-759-523-43	s	IC TC74ACT157FT(EL)
IC110	8-759-049-58	s	IC SN74HC04APW-E05
IC111	8-759-049-98	s	IC SN74HC74APW-E20
IC112	8-759-902-88	s	IC SN74LS123NS
IC113	8-759-050-92	s	IC SN74HC164APW-E05
IC114	8-759-050-92	s	IC SN74HC164APW-E05
IC115	8-759-049-56	s	IC SN74HC02APW-E05
IC116	8-759-326-71	s	IC CXD8517Q
IC117	8-759-326-71	s	IC CXD8517Q
IC201	8-759-523-78	s	IC TC74VHC00FT(EL)
IC202	8-759-491-41	s	IC TC74VHCT541AF(EL)
IC203	8-759-196-97	s	IC TC7SH32FU-TE85R

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Ref. No. or Q'ty	Part No.	SP	Description
IC204	8-759-196-97	s	IC TC7SH32FU-TE85R
IC205	8-759-196-97	s	IC TC7SH32FU-TE85R
IC206	8-759-196-97	s	IC TC7SH32FU-TE85R
IC207	8-759-491-47	s	IC TC74VHCT08AFT(EL)
IC208	8-759-392-79	s	IC SN74LVC245APW-E05
IC209	8-759-491-47	s	IC TC74VHCT08AFT(EL)
IC210	8-759-186-44	s	IC TC74VHC125F
IC211	8-759-196-93	s	IC TC7SH00FU-TE85R
IC212	8-759-196-97	s	IC TC7SH32FU-TE85R
IC219	8-759-488-62	s	IC MSM514256C-60JSDR1
IC220	8-752-352-30	s	IC CXD2705AQ
IC221	8-759-488-62	s	IC MSM514256C-60JSDR1
IC222	8-752-352-30	s	IC CXD2705AQ
IC223	8-759-529-45	s	IC IDT71V256SA15PZ-TL
IC224	8-752-374-96	s	IC CXD2190R-T6
IC225	8-759-529-45	s	IC IDT71V256SA15PZ-TL
IC226	8-752-374-96	s	IC CXD2190R-T6
IC227	8-759-392-81	s	IC SN74LVC16245ADGGR
IC228	8-759-392-81	s	IC SN74LVC16245ADGGR
IC229	8-759-186-44	s	IC TC74VHC125F
IC301	8-759-186-51	s	IC TC74VHC157FS(EL)
IC302	8-759-529-45	s	IC IDT71V256SA15PZ-TL
IC303	8-752-374-96	s	IC CXD2190R-T6
IC304	8-759-529-45	s	IC IDT71V256SA15PZ-TL
IC305	8-752-374-96	s	IC CXD2190R-T6
IC306	8-759-523-43	s	IC TC74ACT157FT(EL)
IC307	8-759-488-62	s	IC MSM514256C-60JSDR1
IC308	8-752-352-30	s	IC CXD2705AQ
IC309	8-759-196-96	s	IC TC7SH08FU-TE85R
IC310	8-759-488-62	s	IC MSM514256C-60JSDR1
IC311	8-752-352-30	s	IC CXD2705AQ
IC312	8-759-529-45	s	IC IDT71V256SA15PZ-TL
IC313	8-759-529-45	s	IC IDT71V256SA15PZ-TL
IC315	8-759-466-16	s	IC IDT7164S20Y-TL
IC317	8-759-392-81	s	IC SN74LVC16245ADGGR
IC320	8-759-491-41	s	IC TC74VHCT541AF(EL)
IC322	8-759-186-77	s	IC TC74VHC541F
IC323	8-759-186-44	s	IC TC74VHC125F
IC325	8-759-481-73	s	IC SN74LVC125APW-E20
IC329	8-759-196-93	s	IC TC7SH00FU-TE85R
IC403	8-759-362-16	s	IC CXD2913AQ
IC404	8-759-362-16	s	IC CXD2913AQ
IC405	8-759-906-53	s	IC TL062CPS
IC406	8-759-196-97	s	IC TC7SH32FU-TE85R
IC407	8-759-906-53	s	IC TL062CPS
IC408	8-759-172-41	s	IC L78M09T-TL
IC409	8-759-196-93	s	IC TC7SH00FU-TE85R
IC410	8-759-196-97	s	IC TC7SH32FU-TE85R
IC411	8-759-271-86	s	IC TC7SH04FU
IC412	8-759-523-95	s	IC TC74VHC74FT(EL)
IC413	8-759-524-09	s	IC TC74VHC153FT(EL)
IC414	8-759-271-86	s	IC TC7SH04FU
IC415	8-759-523-95	s	IC TC74VHC74FT(EL)
IC416	8-759-524-09	s	IC TC74VHC153FT(EL)
IC502	8-759-483-02	s	IC CXD8713Q
IC503	8-759-529-45	s	IC IDT71V256SA15PZ-TL
IC504	8-759-529-45	s	IC IDT71V256SA15PZ-TL
IC505	8-759-523-95	s	IC TC74VHC74FT(EL)
IC507	8-759-523-95	s	IC TC74VHC74FT(EL)

(DA-120 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
IC508	8-759-271-88	s	IC TC7SHU04FU-TE85R
IC509	8-759-491-46	s	IC TC74VHCT04FT(EL)
IC601	8-759-529-45	s	IC IDT71V256SA15PZ-TL
IC602	8-752-374-96	s	IC CXD2190R-T6
IC603	8-759-529-45	s	IC IDT71V256SA15PZ-TL
IC604	8-752-374-96	s	IC CXD2190R-T6
L102	1-410-470-11	s	INDUCTOR 10uH
L201	1-410-470-11	s	INDUCTOR 10uH
L203	1-410-470-11	s	INDUCTOR 10uH
L205	1-412-533-21	s	INDUCTOR 47uH
L206	1-412-533-21	s	INDUCTOR 47uH
L207	1-412-533-21	s	INDUCTOR 47uH
L301	1-410-470-11	s	INDUCTOR 10uH
L303	1-410-470-11	s	INDUCTOR 10uH
L305	1-410-470-11	s	INDUCTOR 10uH
L306	1-410-470-11	s	INDUCTOR 10uH
L307	1-410-470-11	s	INDUCTOR 10uH
L401	1-410-470-11	s	INDUCTOR 10uH
L402	1-410-470-11	s	INDUCTOR 10uH
L403	1-410-470-11	s	INDUCTOR 10uH
L404	1-410-470-11	s	INDUCTOR 10uH
L406	1-410-470-11	s	INDUCTOR 10uH
L407	1-410-470-11	s	INDUCTOR 10uH
L409	1-410-470-11	s	INDUCTOR 10uH
L410	1-410-470-11	s	INDUCTOR 10uH
L411	1-410-470-11	s	INDUCTOR 10uH
L412	1-410-470-11	s	INDUCTOR 10uH
L501	1-410-470-11	s	INDUCTOR 10uH
L502	1-410-470-11	s	INDUCTOR 10uH
L504	1-410-470-11	s	INDUCTOR 10uH
L505	1-410-459-11	s	INDUCTOR 1.2uH
L601	1-410-470-11	s	INDUCTOR 10uH
LV401	1-411-984-11	s	COIL, VAR, CHIP
LV402	1-411-984-11	s	COIL, VAR, CHIP
PS205	⚠ 1-532-686-21	s	LINK, IC 2.7A
PS206	⚠ 1-532-686-21	s	LINK, IC 2.7A
PS207	⚠ 1-532-686-21	s	LINK, IC 2.7A
R101	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R102	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R103	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R104	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R105	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R107	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R108	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R109	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R110	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R112	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R113	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R114	1-208-838-91	s	METAL, CHIP 220k 0.5% 1/10W
R115	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R116	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R119	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R120	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R121	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R201	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R204	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R206	1-216-037-00	s	METAL, CHIP 330 5% 1/10W

(DA-120 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
R207	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R208	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R209	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R210	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R211	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R212	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R213	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R214	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R215	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R216	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R217	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R219	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R220	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R221	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R222	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R224	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R226	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R227	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R228	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R229	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R231	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R240	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R241	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R242	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R243	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R244	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R245	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R246	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R247	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R248	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R249	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R250	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R251	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R304	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R305	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R306	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R307	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R308	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R310	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R312	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R319	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R320	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R321	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R322	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R323	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R324	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R325	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R326	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R327	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R328	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R329	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R330	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R331	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R332	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R333	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R335	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R337	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R338	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R339	1-216-295-91	s	METAL, CHIP 0 5% 1/10W

(DA-120 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
R340	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R341	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R342	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R343	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R344	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R346	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R347	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R348	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R349	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R350	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R351	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R352	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R358	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R359	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R360	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R361	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R362	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R363	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R368	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R369	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R370	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R376	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R379	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R380	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R381	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R382	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R388	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R389	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R390	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R391	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R392	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R401	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R402	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R404	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R406	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R408	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R410	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R414	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R416	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R417	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R418	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R419	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R420	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R421	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R425	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R426	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R427	1-216-091-00	s	METAL, CHIP 56k 5% 1/10W
R428	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R429	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R430	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R432	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R433	1-216-061-00	s	METAL, CHIP 3.3k 5% 1/10W
R434	1-216-061-00	s	METAL, CHIP 3.3k 5% 1/10W
R435	1-216-083-00	s	METAL, CHIP 27k 5% 1/10W
R436	1-216-083-00	s	METAL, CHIP 27k 5% 1/10W
R437	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R438	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R439	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R440	1-216-091-00	s	METAL, CHIP 56k 5% 1/10W

(DA-120 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
R441	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R442	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R443	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R445	1-216-061-00	s	METAL, CHIP 3.3k 5% 1/10W
R446	1-216-061-00	s	METAL, CHIP 3.3k 5% 1/10W
R447	1-216-083-00	s	METAL, CHIP 27k 5% 1/10W
R448	1-216-083-00	s	METAL, CHIP 27k 5% 1/10W
R449	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R450	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R451	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R452	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R453	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R454	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R455	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R456	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R482	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R483	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R506	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R507	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R508	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R509	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R510	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R511	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R512	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R513	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R514	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R515	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R517	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R518	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R519	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R520	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R521	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R522	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R523	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R524	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R526	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R527	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R528	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R529	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R531	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R533	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R537	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R538	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R539	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R540	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R542	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R543	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R544	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R545	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R546	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R547	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R548	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R549	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R550	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R551	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R552	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R553	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R554	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R555	1-216-295-91	s	METAL, CHIP 0 5% 1/10W

(DA-120 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
R556	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R558	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R559	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R561	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R565	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R566	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R567	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R568	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R601	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R604	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R607	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R608	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
RB100	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB200	1-233-448-11	s	RESISTOR BLOCK, CHIP 22 x 4
RB201	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB202	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB203	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB204	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB205	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB206	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB207	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB208	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB209	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB210	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB211	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB212	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB213	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB214	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB215	1-233-448-11	s	RESISTOR BLOCK, CHIP 22 x 4
RB218	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB219	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB220	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB301	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB302	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB304	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB305	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB306	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB307	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB308	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB309	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB310	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB311	1-233-448-11	s	RESISTOR BLOCK, CHIP 22 x 4
RB501	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB502	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
X501	1-578-667-11	s	CRYSTAL 49.152MHz

DD-31 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8277-864-A	s	MOUNTED CIRCUIT BOARD, DD-31
2pcs	7-621-759-45	s	+PSW, 2.6x6
C101	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C102	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C103	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C104	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C105	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C106	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C107	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C108	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C109	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C110	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C111	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C112	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C113	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C114	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C115	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C116	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C117	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C118	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C119	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C120	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C121	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C122	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C123	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C124	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C201	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C202	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C203	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C204	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C205	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C206	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C207	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C208	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C209	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C210	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C211	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C212	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C213	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C214	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C215	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C216	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C217	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C218	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C219	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C220	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C221	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C222	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C223	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C224	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C301	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C302	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C303	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C304	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C305	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C310	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
FL301	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
FL302	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP

(DD-31 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
FL303	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
IC101	8-759-271-86	s	IC TC7SH04FU
IC102	8-759-337-30	s	IC UPD482445LGW-B10-E2
IC103	8-759-385-90	s	IC CXD2187AR
IC104	8-759-337-30	s	IC UPD482445LGW-B10-E2
IC105	8-759-385-90	s	IC CXD2187AR
IC106	8-759-337-30	s	IC UPD482445LGW-B10-E2
IC107	8-759-385-90	s	IC CXD2187AR
IC201	8-759-271-86	s	IC TC7SH04FU
IC202	8-759-337-30	s	IC UPD482445LGW-B10-E2
IC203	8-759-385-90	s	IC CXD2187AR
IC204	8-759-337-30	s	IC UPD482445LGW-B10-E2
IC205	8-759-385-90	s	IC CXD2187AR
IC206	8-759-337-30	s	IC UPD482445LGW-B10-E2
IC207	8-759-385-90	s	IC CXD2187AR
IC301	8-759-393-38	s	IC SN74LVC245ANS-E20
IC302	8-759-393-38	s	IC SN74LVC245ANS-E20
IC303	8-759-393-38	s	IC SN74LVC245ANS-E20
IC304	8-759-393-38	s	IC SN74LVC245ANS-E20
IC305	8-759-393-38	s	IC SN74LVC245ANS-E20
L101	1-410-470-11	s	INDUCTOR 10uH
L102	1-410-470-11	s	INDUCTOR 10uH
L103	1-410-470-11	s	INDUCTOR 10uH
L104	1-410-470-11	s	INDUCTOR 10uH
L105	1-410-470-11	s	INDUCTOR 10uH
L106	1-410-470-11	s	INDUCTOR 10uH
L201	1-410-470-11	s	INDUCTOR 10uH
L202	1-410-470-11	s	INDUCTOR 10uH
L203	1-410-470-11	s	INDUCTOR 10uH
L204	1-410-470-11	s	INDUCTOR 10uH
L205	1-410-470-11	s	INDUCTOR 10uH
L206	1-410-470-11	s	INDUCTOR 10uH
L301	1-410-470-11	s	INDUCTOR 10uH
R301	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R302	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
RB114	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB115	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB217	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB218	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4

DDE-4 BOARD(DSR-85)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8277-866-A	s	MOUNTED CIRCUIT BOARD, DDE-4
1pc	7-621-759-45	s	+PSW, 2.6x6
1pc	3-179-084-01	s	LEVER (R), PRINTED CIRCUIT BOARD
1pc	3-179-085-01	s	LEVER (L), PRINTED CIRCUIT BOARD
C1	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C2	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C3	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C4	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C5	1-126-933-11	s	ELECT 100uF 20% 16V
C6	1-126-934-11	s	ELECT 220uF 20% 16V
C7	1-126-934-11	s	ELECT 220uF 20% 16V
C8	1-126-934-11	s	ELECT 220uF 20% 16V
C9	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C10	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C11	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C12	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C13	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C14	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C15	1-126-933-11	s	ELECT 100uF 20% 16V
C16	1-126-933-11	s	ELECT 100uF 20% 16V
C17	1-126-934-11	s	ELECT 220uF 20% 16V
C18	1-126-933-11	s	ELECT 100uF 20% 16V
C19	1-126-934-11	s	ELECT 220uF 20% 16V
C20	1-126-934-11	s	ELECT 220uF 20% 16V
C21	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C22	1-126-934-11	s	ELECT 220uF 20% 16V
C23	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C24	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C25	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C26	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C27	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C28	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C100	1-126-933-11	s	ELECT 100uF 20% 16V
C101	1-104-665-11	s	ELECT 100uF 20% 25V
C102	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C103	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C104	1-126-934-11	s	ELECT 220uF 20% 16V
C105	1-126-934-11	s	ELECT 220uF 20% 16V
C106	1-126-934-11	s	ELECT 220uF 20% 16V
C107	1-126-934-11	s	ELECT 220uF 20% 16V
C108	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C109	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C110	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C111	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C112	1-104-665-11	s	ELECT 100uF 20% 25V
C113	1-104-665-11	s	ELECT 100uF 20% 25V
C114	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C115	1-126-925-11	s	ELECT 470uF 20% 10V
C116	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C118	1-126-925-11	s	ELECT 470uF 20% 10V
C119	1-131-347-00	s	TANTALUM 1uF 10% 35V
C120	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C121	1-104-665-11	s	ELECT 100uF 20% 25V
C122	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C123	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C124	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C125	1-126-933-11	s	ELECT 100uF 20% 16V
C126	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C128	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V

(DDE-4 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP	Description
C129	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C130	1-131-381-00	s	TANTALUM 47uF 10% 10V
C131	1-131-381-00	s	TANTALUM 47uF 10% 10V
C132	1-131-377-00	s	TANTALUM 10uF 10% 10V
C134	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C135	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C136	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C139	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C140	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C141	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C142	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C200	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C201	1-126-934-11	s	ELECT 220uF 20% 16V
C202	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C203	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C204	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C205	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C206	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C207	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C208	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C209	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C213	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C214	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C215	1-126-934-11	s	ELECT 220uF 20% 16V
C216	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C217	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C218	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C219	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C220	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C221	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C222	1-126-934-11	s	ELECT 220uF 20% 16V
C223	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C224	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C225	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C226	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C227	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C228	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C229	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C230	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C231	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C232	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C233	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C234	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C235	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C236	1-126-934-11	s	ELECT 220uF 20% 16V
C237	1-126-934-11	s	ELECT 220uF 20% 16V
C238	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C239	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C240	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C241	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C242	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C243	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C244	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C245	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C246	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C247	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C248	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C249	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C250	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V

(DDE-4 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP	Description
C300	1-104-665-11	s	ELECT 100uF 20% 25V
C301	1-104-665-11	s	ELECT 100uF 20% 25V
C302	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C303	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C304	1-126-933-11	s	ELECT 100uF 20% 16V
C305	1-163-249-11	s	CERAMIC, CHIP 82pF 5% 50V
C306	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C307	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C308	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C309	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C310	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C311	1-131-377-00	s	TANTALUM 10uF 10% 10V
C312	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C313	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C314	1-163-263-11	s	CERAMIC, CHIP 330pF 5% 50V
C315	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C316	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C317	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C318	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C319	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C320	1-126-934-11	s	ELECT 220uF 20% 16V
C321	1-104-665-11	s	ELECT 100uF 20% 25V
C322	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C323	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C324	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C325	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C326	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C327	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C328	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C329	1-104-665-11	s	ELECT 100uF 20% 25V
C330	1-104-665-11	s	ELECT 100uF 20% 25V
C331	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C332	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C333	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C334	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C335	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C336	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C337	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C338	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C339	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C340	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C341	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C342	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C343	1-163-102-00	s	CERAMIC, CHIP 24pF 5% 50V
C344	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C345	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C346	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C347	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C348	1-104-665-11	s	ELECT 100uF 20% 25V
C349	1-163-263-11	s	CERAMIC, CHIP 330pF 5% 50V
C350	1-104-665-11	s	ELECT 100uF 20% 25V
C351	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C352	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C353	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C354	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C355	1-163-241-11	s	CERAMIC, CHIP 39pF 5% 50V
C356	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C357	1-104-665-11	s	ELECT 100uF 20% 25V
C358	1-163-263-11	s	CERAMIC, CHIP 330pF 5% 50V

(DDE-4 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP	Description
C359	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C360	1-104-665-11	s	ELECT 100uF 20% 25V
C361	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C362	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C363	1-104-665-11	s	ELECT 100uF 20% 25V
C364	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C365	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C366	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C367	1-104-665-11	s	ELECT 100uF 20% 25V
C368	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C369	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C370	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C371	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C372	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C373	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C374	1-104-665-11	s	ELECT 100uF 20% 25V
C375	1-104-665-11	s	ELECT 100uF 20% 25V
C376	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C400	1-126-933-11	s	ELECT 100uF 20% 16V
C401	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C402	1-126-934-11	s	ELECT 220uF 20% 16V
C403	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C404	1-126-933-11	s	ELECT 100uF 20% 16V
C405	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C406	1-126-934-11	s	ELECT 220uF 20% 16V
C407	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C408	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C409	1-163-241-11	s	CERAMIC, CHIP 39pF 5% 50V
C410	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C411	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C414	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C415	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C416	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C417	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C420	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C421	1-126-934-11	s	ELECT 220uF 20% 16V
C422	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C423	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C424	1-126-934-11	s	ELECT 220uF 20% 16V
C425	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C426	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C427	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C428	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C429	1-104-664-11	s	ELECT 47uF 20% 25V
C430	1-104-664-11	s	ELECT 47uF 20% 25V
C432	1-104-664-11	s	ELECT 47uF 20% 25V
C433	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C434	1-104-664-11	s	ELECT 47uF 20% 25V
C435	1-104-664-11	s	ELECT 47uF 20% 25V
C437	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C438	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C439	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C442	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C443	1-130-491-00	s	MYLAR 0.047uF 5% 50V
C444	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C445	1-163-231-11	s	CERAMIC, CHIP 15pF 5% 50V
C446	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C447	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C448	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C449	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C450	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C451	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C452	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C453	1-104-665-11	s	ELECT 100uF 20% 25V
C454	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C455	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C456	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C457	1-104-664-11	s	ELECT 47uF 20% 25V
C458	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C459	1-104-664-11	s	ELECT 47uF 20% 25V
C460	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C461	1-126-934-11	s	ELECT 220uF 20% 16V
C462	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C463	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C464	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C465	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C466	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C467	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C468	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C469	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C470	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C473	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C474	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C475	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C476	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C477	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C478	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C480	1-104-665-11	s	ELECT 100uF 20% 25V
C481	1-104-665-11	s	ELECT 100uF 20% 25V
C490	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C500	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C501	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C502	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C503	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C504	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C505	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C506	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C507	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C508	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C509	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C510	1-126-934-11	s	ELECT 220uF 20% 16V
C511	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C512	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C513	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C514	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C515	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C521	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C522	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C523	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C524	1-126-934-11	s	ELECT 220uF 20% 16V
C525	1-126-934-11	s	ELECT 220uF 20% 16V
C526	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C527	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C528	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C529	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C600	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C601	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C602	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V

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Ref. No. or Q'ty	Part No.	SP	Description
C603	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C604	1-104-664-11	s	ELECT 47uF 20% 25V
C605	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C606	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C607	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C609	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C610	1-126-960-11	s	ELECT 1uF 20% 50V
C611	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C612	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C615	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C616	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C617	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C618	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C619	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V
C620	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C621	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C622	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C623	1-131-349-00	s	TANTALUM 2.2uF 10% 35V
C624	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C625	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C626	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C627	1-163-139-00	s	CERAMIC, CHIP 820pF 5% 50V
C628	1-104-665-11	s	ELECT 100uF 20% 25V
C629	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C630	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C631	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C632	1-126-964-11	s	ELECT 10uF 20% 50V
C633	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C634	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C636	1-126-960-11	s	ELECT 1uF 20% 50V
C638	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C639	1-126-934-11	s	ELECT 220uF 20% 16V
C640	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C641	1-115-419-11	s	CERAMIC, CHIP 3300pF 5% 25V
C642	1-115-419-11	s	CERAMIC, CHIP 3300pF 5% 25V
C643	1-131-368-00	s	TANTALUM 3.3uF 10% 16V
C644	1-163-089-00	s	CERAMIC, CHIP 6pF 50V
C645	1-163-237-11	s	CERAMIC, CHIP 27pF 5% 50V
C646	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C647	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C648	1-126-934-11	s	ELECT 220uF 20% 16V
C649	1-126-934-11	s	ELECT 220uF 20% 16V
C650	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C651	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C652	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C653	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C654	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C655	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C656	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C657	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C658	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C659	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C660	1-163-222-11	s	CERAMIC 5pF 0.25pF 50V
C661	1-163-222-11	s	CERAMIC 5pF 0.25pF 50V
C662	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C663	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C664	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C665	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C667	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V

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Ref. No. or Q'ty	Part No.	SP	Description
C670	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C671	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C672	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C673	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C674	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C675	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C900	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C901	1-104-664-11	s	ELECT 47uF 20% 25V
C902	1-126-960-11	s	ELECT 1uF 20% 50V
C903	1-126-960-11	s	ELECT 1uF 20% 50V
C904	1-163-145-00	s	CERAMIC, CHIP 0.0015uF 5% 50V
C905	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C906	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C907	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C908	1-104-665-11	s	ELECT 100uF 20% 25V
C909	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C910	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C911	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
CV300	1-141-442-91	s	CAP, TRIMMER CERAMIC 20pF
CV600	1-141-442-91	s	CAP, TRIMMER CERAMIC 20pF
CV601	1-141-442-91	s	CAP, TRIMMER CERAMIC 20pF
D1	8-719-941-04	s	DIODE SB007-03CP
D2	8-719-941-04	s	DIODE SB007-03CP
D3	8-719-941-04	s	DIODE SB007-03CP
D4	8-719-941-04	s	DIODE SB007-03CP
D5	8-719-941-04	s	DIODE SB007-03CP
D101	8-719-024-81	s	DIODE 1SS300-TE85L
D200	8-719-941-04	s	DIODE SB007-03CP
D201	8-719-024-81	s	DIODE 1SS300-TE85L
D300	8-719-041-39	s	DIODE KV1470
D303	8-719-002-81	s	DIODE 1T363
D304	8-719-941-23	s	DIODE DA204U
D305	8-719-024-81	s	DIODE 1SS300-TE85L
D400	8-719-941-23	s	DIODE DA204U
D402	8-719-941-04	s	DIODE SB007-03CP
D403	8-719-941-04	s	DIODE SB007-03CP
D404	8-719-045-99	s	DIODE RD2.2M-T1B
D405	8-719-045-99	s	DIODE RD2.2M-T1B
D600	8-719-041-39	s	DIODE KV1470
D601	8-719-027-95	s	DIODE HSM88WK
D602	8-719-041-39	s	DIODE KV1470
D603	8-719-024-81	s	DIODE 1SS300-TE85L
D900	8-719-941-23	s	DIODE DA204U
E100	1-535-881-21	o	TERMINAL, TP
E101	1-535-881-21	o	TERMINAL, TP
E200	1-535-881-21	o	TERMINAL, TP
E201	1-535-881-21	o	TERMINAL, TP
E300	1-535-881-21	o	TERMINAL, TP
E301	1-535-881-21	o	TERMINAL, TP
E400	1-535-881-21	o	TERMINAL, TP
E600	1-535-881-21	o	TERMINAL, TP
E601	1-535-881-21	o	TERMINAL, TP
FB200	1-543-309-21	s	BEAD, FERRITE
FB400	1-543-309-21	s	BEAD, FERRITE
FL100	1-233-614-11	s	FILTER, LOW-PASS
FL200	1-233-614-11	s	FILTER, LOW-PASS
FL201	1-233-598-11	s	FILTER, LOW-PASS

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Ref. No. or Q'ty	Part No.	SP	Description
FL202	1-233-598-11	s	FILTER, LOW-PASS
FL500	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
FL501	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
FL502	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
FL600	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
FL601	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
IC1	8-759-172-41	s	IC L78M09T-TL
IC2	8-759-182-84	s	IC PQ05SZ5U
IC3	8-759-182-84	s	IC PQ05SZ5U
IC4	8-759-822-95	s	IC L79M05T-FA
IC5	8-759-822-95	s	IC L79M05T-FA
IC100	8-759-082-61	s	IC TC4W53FU
IC101	8-759-082-61	s	IC TC4W53FU
IC102	8-759-082-61	s	IC TC4W53FU
IC104	8-759-981-48	s	IC TL082M
IC200	8-759-387-83	s	IC MB40569PFV-ER
IC201	8-759-456-03	s	IC M66256GP-E2
IC202	8-759-456-03	s	IC M66256GP-E2
IC203	8-759-456-03	s	IC M66256GP-E2
IC204	8-759-513-76	s	IC CXD8161AQ
IC205	8-759-031-84	s	IC SC7S04F
IC206	8-759-058-64	s	IC TC7S32FU(TE85R)
IC207	8-759-031-84	s	IC SC7S04F
IC208	8-752-363-60	s	IC CXD2307R-T4
IC209	8-759-981-48	s	IC TL082M
IC210	8-752-052-73	s	IC CXA1451M
IC211	8-752-052-73	s	IC CXA1451M
IC212	8-752-052-73	s	IC CXA1451M
IC300	8-759-031-84	s	IC SC7S04F
IC301	8-759-184-64	s	IC TC4W66FU(TE12R)
IC302	8-752-339-04	s	IC CXD2208Q
IC303	8-759-981-48	s	IC TL082M
IC304	8-759-906-53	s	IC TL062CPS
IC305	8-759-287-54	s	IC TL084CPW-E20
IC306	8-759-031-84	s	IC SC7S04F
IC307	8-759-906-53	s	IC TL062CPS
IC308	8-759-030-74	s	IC SC14S66F
IC309	8-759-520-55	s	IC CXD8243AM
IC310	8-759-031-84	s	IC SC7S04F
IC311	8-759-184-64	s	IC TC4W66FU(TE12R)
IC312	8-759-908-15	s	IC TL431CLP
IC313	8-759-908-15	s	IC TL431CLP
IC400	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC401	8-759-011-64	s	IC MC74HC4052F
IC402	8-759-009-07	s	IC MC14053BF
IC403	8-759-908-15	s	IC TL431CLP
IC404	8-759-287-54	s	IC TL084CPW-E20
IC405	8-759-082-61	s	IC TC4W53FU
IC406	8-759-447-90	s	IC TLC5733AIPM
IC407	8-759-908-15	s	IC TL431CLP
IC408	8-752-376-32	s	IC CXD2310AR-T4
IC410	8-759-262-00	s	IC MC14576CF
IC420	8-759-524-19	s	IC TC74VHC164FT(EL)
IC500	8-759-524-10	s	IC TC74VHC157FT(EL)
IC501	8-759-524-50	s	IC TC74VHC541FT(EL)
IC502	8-759-524-50	s	IC TC74VHC541FT(EL)
IC503	8-759-457-61	s	IC CXD8628BR
IC504	8-759-271-86	s	IC TC7SH04FU

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Ref. No. or Q'ty	Part No.	SP	Description
IC506	8-759-271-86	s	IC TC7SH04FU
IC507	8-759-524-28	s	IC TC74VHC245FT(EL)
IC508	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC509	8-759-524-50	s	IC TC74VHC541FT(EL)
IC510	8-759-524-28	s	IC TC74VHC245FT(EL)
IC511	8-759-524-28	s	IC TC74VHC245FT(EL)
IC600	8-759-524-50	s	IC TC74VHC541FT(EL)
IC601	8-759-196-96	s	IC TC7SH08FU-TE85R
IC602	8-759-009-07	s	IC MC14053BF
IC603	8-752-375-05	s	IC CXD2191R-T6
IC604	8-759-082-61	s	IC TC4W53FU
IC605	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC606	8-759-239-55	s	IC TC74HC123AF
IC607	8-759-987-27	s	IC LM1881M
IC608	8-759-907-81	s	IC SN74LS221NS
IC609	8-759-198-63	s	IC S-81230SG-QB-T1
IC610	8-759-343-09	s	IC CXD2193AR-ER
IC611	8-759-524-19	s	IC TC74VHC164FT(EL)
IC612	8-759-981-48	s	IC TL082M
IC613	8-759-926-11	s	IC SN74HC138ANS
IC614	8-759-271-86	s	IC TC7SH04FU
IC615	8-759-927-46	s	IC SN74HC00ANS
IC616	8-759-524-28	s	IC TC74VHC245FT(EL)
IC617	8-759-524-28	s	IC TC74VHC245FT(EL)
IC618	8-759-196-96	s	IC TC7SH08FU-TE85R
IC619	8-759-271-86	s	IC TC7SH04FU
IC620	8-759-523-95	s	IC TC74VHC74FT(EL)
IC621	8-759-082-57	s	IC TC7W04FU
IC622	8-759-530-05	s	IC TC4053BFT(EL,N)
IC623	8-759-907-81	s	IC SN74LS221NS
IC624	8-759-196-97	s	IC TC7SH32FU-TE85R
IC625	8-759-239-55	s	IC TC74HC123AF
IC626	8-759-083-94	s	IC TC7W74FU
IC627	8-759-082-61	s	IC TC4W53FU
IC628	8-759-196-93	s	IC TC7SH00FU-TE85R
IC629	8-759-271-86	s	IC TC7SH04FU
IC630	8-759-196-96	s	IC TC7SH08FU-TE85R
IC900	8-752-375-75	s	IC CXD2131Q-T4
IC901	8-759-925-85	s	IC SN74HC32ANS
L1	1-412-533-21	s	INDUCTOR 47uH
L2	1-412-533-21	s	INDUCTOR 47uH
L3	1-412-533-21	s	INDUCTOR 47uH
L4	1-412-533-21	s	INDUCTOR 47uH
L5	1-412-533-21	s	INDUCTOR 47uH
L6	1-412-533-21	s	INDUCTOR 47uH
L100	1-408-607-31	s	INDUCTOR 22uH
L101	1-408-607-31	s	INDUCTOR 22uH
L102	1-410-478-11	s	INDUCTOR 47uH
L103	1-410-478-11	s	INDUCTOR 47uH
L104	1-410-478-11	s	INDUCTOR 47uH
L200	1-408-607-31	s	INDUCTOR 22uH
L201	1-408-607-31	s	INDUCTOR 22uH
L202	1-410-462-11	s	INDUCTOR 2.2uH
L203	1-410-462-11	s	INDUCTOR 2.2uH
L204	1-410-462-11	s	INDUCTOR 2.2uH
L205	1-410-478-11	s	INDUCTOR 47uH
L206	1-410-478-11	s	INDUCTOR 47uH
L300	1-410-482-31	s	INDUCTOR 100uH
L301	1-410-476-11	s	INDUCTOR 33uH

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Ref. No. or Q'ty	Part No.	SP	Description
L302	1-410-464-11	s	INDUCTOR 3.3uH
L303	1-410-478-11	s	INDUCTOR 47uH
L304	1-408-600-31	s	INDUCTOR 5.6uH
L305	1-410-482-31	s	INDUCTOR 100uH
L306	1-410-482-31	s	INDUCTOR 100uH
L307	1-410-482-31	s	INDUCTOR 100uH
L308	1-410-482-31	s	INDUCTOR 100uH
L309	1-410-482-31	s	INDUCTOR 100uH
L310	1-410-482-31	s	INDUCTOR 100uH
L311	1-410-482-31	s	INDUCTOR 100uH
L312	1-410-482-31	s	INDUCTOR 100uH
L400	1-410-478-11	s	INDUCTOR 47uH
L401	1-408-607-31	s	INDUCTOR 22uH
L402	1-408-607-31	s	INDUCTOR 22uH
L500	1-410-478-11	s	INDUCTOR 47uH
L502	1-410-478-11	s	INDUCTOR 47uH
L503	1-410-478-11	s	INDUCTOR 47uH
L600	1-410-478-11	s	INDUCTOR 47uH
L601	1-414-109-61	s	INDUCTOR 0.82uH
L602	1-408-607-31	s	INDUCTOR 22uH
L603	1-411-275-21	s	COIL, VAR, CHIP 5.6uH
L604	1-410-478-11	s	INDUCTOR 47uH
L605	1-410-478-11	s	INDUCTOR 47uH
L606	1-410-478-11	s	INDUCTOR 47uH
L900	1-410-478-11	s	INDUCTOR 47uH
PS1	⚠ 1-532-984-11	s	LINK, IC 2A
PS2	⚠ 1-532-984-11	s	LINK, IC 2A
PS3	⚠ 1-532-984-11	s	LINK, IC 2A
PS4	⚠ 1-532-984-11	s	LINK, IC 2A
PS5	⚠ 1-532-984-11	s	LINK, IC 2A
PS6	⚠ 1-532-984-11	s	LINK, IC 2A
Q100	8-729-904-41	s	TRANSISTOR FMY3
Q101	8-729-907-46	s	TRANSISTOR IMZ1
Q102	8-729-907-46	s	TRANSISTOR IMZ1
Q103	8-729-907-46	s	TRANSISTOR IMZ1
Q104	8-729-117-32	s	TRANSISTOR 2SC4177
Q105	8-729-904-04	s	TRANSISTOR FMS2
Q106	8-729-117-72	s	TRANSISTOR 2SC4178
Q107	8-729-117-32	s	TRANSISTOR 2SC4177
Q108	8-729-117-32	s	TRANSISTOR 2SC4177
Q109	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q110	8-729-117-72	s	TRANSISTOR 2SC4178
Q111	8-729-904-04	s	TRANSISTOR FMS2
Q112	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q113	8-729-117-32	s	TRANSISTOR 2SC4177
Q118	8-729-117-32	s	TRANSISTOR 2SC4177
Q121	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q200	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q201	8-729-117-32	s	TRANSISTOR 2SC4177
Q202	8-729-117-32	s	TRANSISTOR 2SC4177
Q203	8-729-117-32	s	TRANSISTOR 2SC4177
Q300	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q301	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q302	8-729-117-32	s	TRANSISTOR 2SC4177
Q303	8-729-117-32	s	TRANSISTOR 2SC4177
Q304	8-729-117-32	s	TRANSISTOR 2SC4177
Q305	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q306	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6

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Ref. No. or Q'ty	Part No.	SP	Description
Q307	8-729-117-32	s	TRANSISTOR 2SC4177
Q308	8-729-117-32	s	TRANSISTOR 2SC4177
Q309	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q310	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q311	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q312	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q313	8-729-117-32	s	TRANSISTOR 2SC4177
Q314	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q315	8-729-117-32	s	TRANSISTOR 2SC4177
Q316	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q317	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q318	8-729-117-32	s	TRANSISTOR 2SC4177
Q319	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q320	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q400	8-729-117-32	s	TRANSISTOR 2SC4177
Q401	8-729-117-32	s	TRANSISTOR 2SC4177
Q402	8-729-117-32	s	TRANSISTOR 2SC4177
Q403	8-729-117-32	s	TRANSISTOR 2SC4177
Q404	8-729-117-32	s	TRANSISTOR 2SC4177
Q405	8-729-117-72	s	TRANSISTOR 2SC4178
Q406	8-729-117-32	s	TRANSISTOR 2SC4177
Q407	8-729-422-44	s	TRANSISTOR 2SK663
Q408	8-729-422-44	s	TRANSISTOR 2SK663
Q409	8-729-422-44	s	TRANSISTOR 2SK663
Q410	8-729-422-44	s	TRANSISTOR 2SK663
Q412	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q413	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q414	8-729-117-32	s	TRANSISTOR 2SC4177
Q415	8-729-117-32	s	TRANSISTOR 2SC4177
Q417	8-729-117-72	s	TRANSISTOR 2SC4178
Q418	8-729-117-72	s	TRANSISTOR 2SC4178
Q420	8-729-117-72	s	TRANSISTOR 2SC4178
Q421	8-729-117-72	s	TRANSISTOR 2SC4178
Q422	8-729-117-72	s	TRANSISTOR 2SC4178
Q423	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q424	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q425	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q600	8-729-117-32	s	TRANSISTOR 2SC4177
Q900	8-729-903-10	s	TRANSISTOR FMW1
Q901	8-729-117-32	s	TRANSISTOR 2SC4177
Q902	8-729-117-32	s	TRANSISTOR 2SC4177
R100	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R101	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R102	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R103	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R104	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R105	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R106	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R107	1-216-059-00	s	METAL, CHIP 2.7k 5% 1/10W
R108	1-216-059-00	s	METAL, CHIP 2.7k 5% 1/10W
R109	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R110	1-216-618-11	s	METAL, CHIP 43 0.50% 1/10W
R111	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R112	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R113	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R114	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R115	1-216-059-00	s	METAL, CHIP 2.7k 5% 1/10W
R116	1-216-025-91	s	METAL, CHIP 100 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R117	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R118	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R119	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R120	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R121	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R122	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R123	1-216-641-11	s	METAL, CHIP 390 0.5% 1/10W
R124	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R125	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R126	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R127	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R128	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R129	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R130	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R131	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R132	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R133	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R134	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R135	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R136	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R137	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R138	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R139	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R140	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R141	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R142	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R147	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R148	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R149	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R155	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R156	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R157	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R158	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R161	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R163	1-216-059-00	s	METAL, CHIP 2.7k 5% 1/10W
R200	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R201	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R203	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R204	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R205	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R206	1-216-663-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R207	1-216-663-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R208	1-216-663-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R209	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R210	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R211	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R212	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R213	1-216-071-00	s	METAL, CHIP 8.2k 5% 1/10W
R214	1-216-687-11	s	METAL, CHIP 33k 0.5% 1/10W
R215	1-216-679-11	s	METAL, CHIP 15k 0.5% 1/10W
R216	1-216-683-11	s	METAL, CHIP 22k 0.5% 1/10W
R217	1-216-671-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R218	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R219	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R220	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R221	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R222	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R223	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R224	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R225	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R226	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R227	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R228	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R229	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R230	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R231	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R232	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R300	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R301	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R302	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R303	1-216-653-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R304	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R305	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R306	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R307	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R308	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R309	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R310	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R311	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R312	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R313	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R314	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R315	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R316	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R317	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R318	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R319	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R320	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R321	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R322	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R323	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R324	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R326	1-216-699-11	s	METAL, CHIP 100k 0.5% 1/10W
R327	1-216-117-00	s	METAL, CHIP 680k 5% 1/10W
R328	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R329	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R330	1-218-760-11	s	METAL, CHIP 220k 0.50% 1/10W
R331	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R332	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R333	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R334	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R335	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R336	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R337	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R338	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R339	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R340	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R341	1-216-658-11	s	METAL, CHIP 2k 0.5% 1/10W
R342	1-216-653-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R343	1-216-670-11	s	METAL, CHIP 6.2k 0.5% 1/10W
R344	1-216-634-11	s	METAL, CHIP 200 0.5% 1/10W
R345	1-216-663-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R346	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R347	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R348	1-216-671-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R349	1-216-686-11	s	METAL, CHIP 30k 0.5% 1/10W
R350	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R351	1-216-041-00	s	METAL, CHIP 470 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R352	1-216-117-00	s	METAL, CHIP 680k 5% 1/10W
R353	1-216-117-00	s	METAL, CHIP 680k 5% 1/10W
R354	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R356	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R357	1-216-133-00	s	METAL, CHIP 3.3M 5% 1/10W
R358	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R359	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R360	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R361	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R363	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R364	1-216-665-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R365	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R366	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R367	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R369	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R373	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R374	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R375	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R376	1-216-655-11	s	METAL, CHIP 1.5k 0.5% 1/10W
R377	1-216-655-11	s	METAL, CHIP 1.5k 0.5% 1/10W
R378	1-216-662-11	s	METAL, CHIP 3k 0.5% 1/10W
R379	1-216-663-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R380	1-216-683-11	s	METAL, CHIP 22k 0.5% 1/10W
R381	1-216-683-11	s	METAL, CHIP 22k 0.5% 1/10W
R382	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R400	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R401	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R402	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R403	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R404	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R405	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R406	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R407	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R409	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R410	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R411	1-216-659-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R412	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R413	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R416	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R417	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R418	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R419	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R421	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R422	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R423	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R424	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R425	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R426	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R427	1-216-656-11	s	METAL, CHIP 1.6k 0.5% 1/10W
R428	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R429	1-216-656-11	s	METAL, CHIP 1.6k 0.5% 1/10W
R430	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R431	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R433	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R434	1-216-661-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R435	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R436	1-216-661-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R441	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R442	1-216-025-91	s	METAL, CHIP 100 5% 1/10W

(DDE-4 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP	Description
R443	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R444	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R445	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R446	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R447	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R458	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R462	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R463	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R464	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R465	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R467	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R468	1-216-663-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R473	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R474	1-216-653-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R477	1-216-653-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R478	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R481	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R482	1-216-682-11	s	METAL, CHIP 20k 0.5% 1/10W
R483	1-216-682-11	s	METAL, CHIP 20k 0.5% 1/10W
R484	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R485	1-216-677-11	s	METAL, CHIP 12k 0.5% 1/10W
R486	1-216-682-11	s	METAL, CHIP 20k 0.5% 1/10W
R487	1-216-653-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R500	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R501	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R503	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R505	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R507	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R508	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R509	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R511	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R513	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R515	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R522	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R601	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R602	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R603	1-216-113-00	s	METAL, CHIP 470k 5% 1/10W
R604	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R605	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R606	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R607	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R609	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R611	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R614	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R615	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R616	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R620	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R622	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R623	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R624	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R625	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R626	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R627	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R628	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R629	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R630	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R631	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R632	1-216-117-00	s	METAL, CHIP 680k 5% 1/10W
R634	1-216-696-11	s	METAL, CHIP 75k 0.5% 1/10W

(DDE-4 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP	Description
R637	1-216-693-11	s	METAL, CHIP 56k 0.5% 1/10W
R640	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R642	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R653	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R654	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R658	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R664	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R666	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R667	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R675	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R678	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R681	1-216-103-00	s	METAL, CHIP 180k 5% 1/10W
R682	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R683	1-216-113-00	s	METAL, CHIP 470k 5% 1/10W
R684	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R685	1-216-075-00	s	METAL, CHIP 12k 5% 1/10W
R686	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R900	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R901	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R902	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R903	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R904	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R905	1-216-077-00	s	METAL, CHIP 15k 5% 1/10W
R906	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R907	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R908	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R909	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R910	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R911	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R912	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R913	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R917	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
RB200	1-233-235-11	s	RESISTOR BLOCK, CHIP 10k x 4
RB201	1-233-235-11	s	RESISTOR BLOCK, CHIP 10k x 4
RB300	1-233-237-11	s	RESISTOR BLOCK, CHIP 100k x 4
RB301	1-239-999-11	s	RESISTOR BLOCK, CHIP 1k x 4
RB500	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB501	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB502	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB503	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB504	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB505	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB506	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB507	1-239-999-11	s	RESISTOR BLOCK, CHIP 1k x 4
RB600	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB601	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RV100	1-237-032-11	s	RES, ADJ, METAL 500
RV200	1-237-035-11	s	RES, ADJ, METAL 5k
RV201	1-237-036-11	s	RES, ADJ, METAL 10k
RV202	1-237-035-11	s	RES, ADJ, METAL 5k
RV300	1-237-034-11	s	RES, ADJ, METAL 2k
RV301	1-237-034-11	s	RES, ADJ, METAL 2k
RV400	1-237-032-11	s	RES, ADJ, METAL 500
RV401	1-237-032-11	s	RES, ADJ, METAL 500
RV402	1-237-032-11	s	RES, ADJ, METAL 500
RV403	1-237-033-11	s	RES, ADJ, METAL 1k
RV404	1-237-034-11	s	RES, ADJ, METAL 2k
RV405	1-237-034-11	s	RES, ADJ, METAL 2k

(DDE-4 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP	Description
RV406	1-237-034-11	s	RES, ADJ, METAL 2k
RV407	1-237-034-11	s	RES, ADJ, METAL 2k
RV408	1-237-034-11	s	RES, ADJ, METAL 2k
RV409	1-237-034-11	s	RES, ADJ, METAL 2k
RV600	1-237-036-11	s	RES, ADJ, METAL 10k
S200	1-571-275-31	s	SWITCH, SLIDE
TH200	1-807-972-11	s	THERMISTOR 1.25k
X300	1-527-722-00	s	CRYSTAL 14.31818MHz
X301	1-760-109-21	s	VIBRATOR, CRYSTAL
X600	1-760-654-21	s	CRYSTAL, CHIP 13.50MHz
X901	1-567-505-11	s	CRYSTAL 3.579545MHz

DDE-4P BOARD(DSR-85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8277-868-A	s	MOUNTED CIRCUIT BOARD, DDE-4P
1pc	7-621-759-45	s	+PSW, 2.6x6
1pc	3-179-084-01	s	LEVER (R), PRINTED CIRCUIT BOARD
1pc	3-179-085-01	s	LEVER (L), PRINTED CIRCUIT BOARD
C1	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C2	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C3	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C4	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C5	1-126-933-11	s	ELECT 100uF 20% 16V
C6	1-126-934-11	s	ELECT 220uF 20% 16V
C7	1-126-934-11	s	ELECT 220uF 20% 16V
C8	1-126-934-11	s	ELECT 220uF 20% 16V
C9	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C10	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C11	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C12	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C13	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C14	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C15	1-126-933-11	s	ELECT 100uF 20% 16V
C16	1-126-933-11	s	ELECT 100uF 20% 16V
C17	1-126-934-11	s	ELECT 220uF 20% 16V
C18	1-126-933-11	s	ELECT 100uF 20% 16V
C19	1-126-934-11	s	ELECT 220uF 20% 16V
C20	1-126-934-11	s	ELECT 220uF 20% 16V
C21	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C22	1-126-934-11	s	ELECT 220uF 20% 16V
C23	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C24	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C25	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C26	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C27	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C28	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C100	1-126-933-11	s	ELECT 100uF 20% 16V
C101	1-104-665-11	s	ELECT 100uF 20% 25V
C102	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C103	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C104	1-126-934-11	s	ELECT 220uF 20% 16V
C105	1-126-934-11	s	ELECT 220uF 20% 16V
C106	1-126-934-11	s	ELECT 220uF 20% 16V
C107	1-126-934-11	s	ELECT 220uF 20% 16V
C108	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C109	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C110	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C111	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C112	1-104-665-11	s	ELECT 100uF 20% 25V
C113	1-104-665-11	s	ELECT 100uF 20% 25V
C114	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C115	1-126-925-11	s	ELECT 470uF 20% 10V
C116	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C118	1-126-925-11	s	ELECT 470uF 20% 10V
C119	1-131-347-00	s	TANTALUM 1uF 10% 35V
C120	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C121	1-104-665-11	s	ELECT 100uF 20% 25V
C122	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C123	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C124	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C125	1-126-933-11	s	ELECT 100uF 20% 16V
C126	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C128	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C129	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C130	1-131-381-00	s	TANTALUM 47uF 10% 10V
C131	1-131-381-00	s	TANTALUM 47uF 10% 10V
C132	1-131-377-00	s	TANTALUM 10uF 10% 10V
C134	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C135	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C136	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C139	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C140	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C141	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C142	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C200	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C201	1-126-934-11	s	ELECT 220uF 20% 16V
C202	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C203	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C204	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C205	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C206	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C207	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C208	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C209	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C213	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C214	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C215	1-126-934-11	s	ELECT 220uF 20% 16V
C216	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C217	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C218	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C219	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C220	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C221	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C222	1-126-934-11	s	ELECT 220uF 20% 16V
C223	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C224	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C225	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C226	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C227	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C228	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C229	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C230	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C231	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C232	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C233	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C234	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C235	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C236	1-126-934-11	s	ELECT 220uF 20% 16V
C237	1-126-934-11	s	ELECT 220uF 20% 16V
C238	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C239	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C240	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C241	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C242	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C243	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C244	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C245	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C246	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C247	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C248	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C249	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C250	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V

(DDE-4P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP	Description
C300	1-104-665-11	s	ELECT 100uF 20% 25V
C301	1-104-665-11	s	ELECT 100uF 20% 25V
C302	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C303	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C304	1-126-933-11	s	ELECT 100uF 20% 16V
C305	1-163-249-11	s	CERAMIC, CHIP 82pF 5% 50V
C306	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C307	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C308	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C309	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C310	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C311	1-131-377-00	s	TANTALUM 10uF 10% 10V
C312	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C313	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C314	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C315	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C316	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C317	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C318	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C319	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C320	1-126-934-11	s	ELECT 220uF 20% 16V
C321	1-104-665-11	s	ELECT 100uF 20% 25V
C322	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C323	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C324	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C325	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C326	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C327	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C328	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C329	1-104-665-11	s	ELECT 100uF 20% 25V
C330	1-104-665-11	s	ELECT 100uF 20% 25V
C331	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C332	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C333	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C334	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C335	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C336	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C337	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C338	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C339	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C340	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C341	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C342	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C343	1-163-229-11	s	CERAMIC, CHIP12pF 5% 50V
C344	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C345	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C346	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C347	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C348	1-104-665-11	s	ELECT 100uF 20% 25V
C349	1-163-263-11	s	CERAMIC, CHIP 330pF 5% 50V
C350	1-104-665-11	s	ELECT 100uF 20% 25V
C351	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C352	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C353	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C354	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C355	1-163-241-11	s	CERAMIC, CHIP 39pF 5% 50V
C356	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C357	1-104-665-11	s	ELECT 100uF 20% 25V
C358	1-163-263-11	s	CERAMIC, CHIP 330pF 5% 50V

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Ref. No. or Q'ty	Part No.	SP	Description
C359	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C360	1-104-665-11	s	ELECT 100uF 20% 25V
C361	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C362	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C363	1-104-665-11	s	ELECT 100uF 20% 25V
C364	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C365	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C366	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C367	1-104-665-11	s	ELECT 100uF 20% 25V
C368	1-163-131-00	s	CERAMIC, CHIP 390pF 5% 50V
C369	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C370	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C371	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C372	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C373	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C374	1-104-665-11	s	ELECT 100uF 20% 25V
C375	1-104-665-11	s	ELECT 100uF 20% 25V
C376	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C400	1-126-933-11	s	ELECT 100uF 20% 16V
C401	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C402	1-126-934-11	s	ELECT 220uF 20% 16V
C403	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C404	1-126-933-11	s	ELECT 100uF 20% 16V
C405	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C406	1-126-934-11	s	ELECT 220uF 20% 16V
C407	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C408	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C409	1-163-241-11	s	CERAMIC, CHIP 39pF 5% 50V
C410	1-163-237-11	s	CERAMIC, CHIP 27pF 5% 50V
C411	1-163-237-11	s	CERAMIC, CHIP 27pF 5% 50V
C414	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C415	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C416	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C417	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C420	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C421	1-126-934-11	s	ELECT 220uF 20% 16V
C422	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C423	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C424	1-126-934-11	s	ELECT 220uF 20% 16V
C425	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C426	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C427	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C428	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C429	1-104-664-11	s	ELECT 47uF 20% 25V
C430	1-104-664-11	s	ELECT 47uF 20% 25V
C432	1-104-664-11	s	ELECT 47uF 20% 25V
C433	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C434	1-104-664-11	s	ELECT 47uF 20% 25V
C435	1-104-664-11	s	ELECT 47uF 20% 25V
C437	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C438	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C439	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C442	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C443	1-130-491-00	s	MYLAR 0.047uF 5% 50V
C444	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C445	1-163-231-11	s	CERAMIC, CHIP 15pF 5% 50V
C446	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C447	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C448	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C449	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C450	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C451	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C452	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C453	1-104-665-11	s	ELECT 100uF 20% 25V
C454	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C455	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C456	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C457	1-104-664-11	s	ELECT 47uF 20% 25V
C458	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C459	1-104-664-11	s	ELECT 47uF 20% 25V
C460	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C461	1-126-934-11	s	ELECT 220uF 20% 16V
C462	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C463	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C464	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C465	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C466	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C467	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C468	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C469	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C470	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C473	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C474	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C475	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C476	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C477	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C478	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C480	1-104-665-11	s	ELECT 100uF 20% 25V
C481	1-104-665-11	s	ELECT 100uF 20% 25V
C490	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C500	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C501	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C502	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C503	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C504	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C505	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C506	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C507	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C508	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C509	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C510	1-126-934-11	s	ELECT 220uF 20% 16V
C511	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C512	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C513	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C514	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C515	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C516	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C517	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C518	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C519	1-126-934-11	s	ELECT 220uF 20% 16V
C520	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C521	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C522	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C523	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C524	1-126-934-11	s	ELECT 220uF 20% 16V
C525	1-126-934-11	s	ELECT 220uF 20% 16V
C526	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C527	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C528	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C529	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C600	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C601	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C602	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C603	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C604	1-104-664-11	s	ELECT 47uF 20% 25V
C605	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C606	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C607	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C609	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C610	1-126-960-11	s	ELECT 1uF 20% 50V
C611	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C612	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C615	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C616	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C617	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C618	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C619	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V
C620	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C621	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C622	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C623	1-131-349-00	s	TANTALUM 2.2uF 10% 35V
C624	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C625	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C626	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C627	1-163-139-00	s	CERAMIC, CHIP 820pF 5% 50V
C628	1-104-665-11	s	ELECT 100uF 20% 25V
C629	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C630	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C631	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C632	1-126-964-11	s	ELECT 10uF 20% 50V
C633	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C634	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C636	1-126-960-11	s	ELECT 1uF 20% 50V
C638	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C639	1-126-934-11	s	ELECT 220uF 20% 16V
C640	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C641	1-115-419-11	s	CERAMIC, CHIP 3300pF 5% 25V
C642	1-115-419-11	s	CERAMIC, CHIP 3300pF 5% 25V
C643	1-131-368-00	s	TANTALUM 3.3uF 10% 16V
C644	1-163-089-00	s	CERAMIC, CHIP 6pF 50V
C645	1-163-237-11	s	CERAMIC, CHIP 27pF 5% 50V
C646	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C647	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C648	1-126-934-11	s	ELECT 220uF 20% 16V
C649	1-126-934-11	s	ELECT 220uF 20% 16V
C650	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C651	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C652	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C653	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C654	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C655	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C656	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C657	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C658	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C659	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C660	1-163-222-11	s	CERAMIC 5pF 0.25pF 50V
C661	1-163-222-11	s	CERAMIC 5pF 0.25pF 50V

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Ref. No. or Q'ty	Part No.	SP	Description
C662	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C663	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C664	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C665	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C667	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C670	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C671	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C672	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C673	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C674	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C675	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
CV300	1-141-442-91	s	CAP, TRIMMER CERAMIC 20pF
CV600	1-141-442-91	s	CAP, TRIMMER CERAMIC 20pF
CV601	1-141-442-91	s	CAP, TRIMMER CERAMIC 20pF
D1	8-719-941-04	s	DIODE SB007-03CP
D2	8-719-941-04	s	DIODE SB007-03CP
D3	8-719-941-04	s	DIODE SB007-03CP
D4	8-719-941-04	s	DIODE SB007-03CP
D5	8-719-941-04	s	DIODE SB007-03CP
D101	8-719-024-81	s	DIODE 1SS300-TE85L
D200	8-719-941-04	s	DIODE SB007-03CP
D201	8-719-024-81	s	DIODE 1SS300-TE85L
D300	8-719-041-39	s	DIODE KV1470
D301	8-719-941-23	s	DIODE DA204U
D302	8-719-941-23	s	DIODE DA204U
D303	8-719-002-81	s	DIODE 1T363
D304	8-719-941-23	s	DIODE DA204U
D305	8-719-024-81	s	DIODE 1SS300-TE85L
D306	8-719-941-23	s	DIODE DA204U
D400	8-719-941-23	s	DIODE DA204U
D402	8-719-941-04	s	DIODE SB007-03CP
D403	8-719-941-04	s	DIODE SB007-03CP
D404	8-719-045-99	s	DIODE RD2.2M-T1B
D405	8-719-045-99	s	DIODE RD2.2M-T1B
D600	8-719-041-39	s	DIODE KV1470
D601	8-719-027-95	s	DIODE HSM88WK
D602	8-719-041-39	s	DIODE KV1470
D603	8-719-024-81	s	DIODE 1SS300-TE85L
E100	1-535-881-21	o	TERMINAL, TP
E101	1-535-881-21	o	TERMINAL, TP
E200	1-535-881-21	o	TERMINAL, TP
E201	1-535-881-21	o	TERMINAL, TP
E300	1-535-881-21	o	TERMINAL, TP
E301	1-535-881-21	o	TERMINAL, TP
E400	1-535-881-21	o	TERMINAL, TP
E600	1-535-881-21	o	TERMINAL, TP
E601	1-535-881-21	o	TERMINAL, TP
FB200	1-543-309-21	s	BEAD, FERRITE
FB400	1-543-309-21	s	BEAD, FERRITE
FL100	1-233-614-11	s	FILTER, LOW-PASS
FL200	1-233-614-11	s	FILTER, LOW-PASS
FL201	1-233-599-11	s	FILTER, LOW PASS
FL202	1-233-599-11	s	FILTER, LOW PASS
FL500	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
FL501	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
FL502	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
FL600	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP

(DDE-4P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP	Description
FL601	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
IC1	8-759-172-41	s	IC L78M09T-TL
IC2	8-759-182-84	s	IC PQ05SZ5U
IC3	8-759-182-84	s	IC PQ05SZ5U
IC4	8-759-822-95	s	IC L79M05T-FA
IC5	8-759-822-95	s	IC L79M05T-FA
IC100	8-759-082-61	s	IC TC4W53FU
IC101	8-759-082-61	s	IC TC4W53FU
IC102	8-759-082-61	s	IC TC4W53FU
IC104	8-759-981-48	s	IC TL082M
IC200	8-759-387-83	s	IC MB40569PFV-ER
IC201	8-759-456-03	s	IC M66256GP-E2
IC202	8-759-456-03	s	IC M66256GP-E2
IC203	8-759-456-03	s	IC M66256GP-E2
IC204	8-759-513-76	s	IC CXD8161AQ
IC205	8-759-031-84	s	IC SC7S04F
IC206	8-759-058-64	s	IC TC7S32FU(TE85R)
IC207	8-759-031-84	s	IC SC7S04F
IC208	8-752-363-60	s	IC CXD2307R-T4
IC209	8-759-981-48	s	IC TL082M
IC210	8-752-052-73	s	IC CXA1451M
IC211	8-752-052-73	s	IC CXA1451M
IC212	8-752-052-73	s	IC CXA1451M
IC300	8-759-031-84	s	IC SC7S04F
IC301	8-759-184-64	s	IC TC4W66FU(TE12R)
IC302	8-752-339-04	s	IC CXD2208Q
IC303	8-759-981-48	s	IC TL082M
IC304	8-759-906-53	s	IC TL062CPS
IC305	8-759-287-54	s	IC TL084CPW-E20
IC306	8-759-031-84	s	IC SC7S04F
IC307	8-759-906-53	s	IC TL062CPS
IC308	8-759-030-74	s	IC SC14S66F
IC309	8-759-520-55	s	IC CXD8243AM
IC310	8-759-031-84	s	IC SC7S04F
IC311	8-759-184-64	s	IC TC4W66FU(TE12R)
IC312	8-759-908-15	s	IC TL431CLP
IC313	8-759-908-15	s	IC TL431CLP
IC400	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC401	8-759-011-64	s	IC MC74HC4052F
IC403	8-759-908-15	s	IC TL431CLP
IC404	8-759-287-54	s	IC TL084CPW-E20
IC405	8-759-082-61	s	IC TC4W53FU
IC406	8-759-447-90	s	IC TLC5733AIPM
IC407	8-759-908-15	s	IC TL431CLP
IC408	8-752-376-32	s	IC CXD2310AR-T4
IC410	8-759-262-00	s	IC MC14576CF
IC420	8-759-524-19	s	IC TC74VHC164FT(EL)
IC500	8-759-524-10	s	IC TC74VHC157FT(EL)
IC501	8-759-524-50	s	IC TC74VHC541FT(EL)
IC502	8-759-524-50	s	IC TC74VHC541FT(EL)
IC503	8-759-457-61	s	IC CXD8628BR
IC504	8-759-271-86	s	IC TC7SH04FU
IC505	8-759-327-31	s	IC CXD2183R
IC506	8-759-271-86	s	IC TC7SH04FU
IC507	8-759-524-28	s	IC TC74VHC245FT(EL)
IC508	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC509	8-759-524-50	s	IC TC74VHC541FT(EL)
IC510	8-759-524-28	s	IC TC74VHC245FT(EL)

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Ref. No. or Q'ty	Part No.	SP	Description
IC511	8-759-524-28	s	IC TC74VHC245FT(EL)
IC600	8-759-524-50	s	IC TC74VHC541FT(EL)
IC601	8-759-196-96	s	IC TC7SH08FU-TE85R
IC602	8-759-009-07	s	IC MC14053BF
IC603	8-752-375-05	s	IC CXD2191R-T6
IC604	8-759-082-61	s	IC TC4W53FU
IC605	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC606	8-759-239-55	s	IC TC74HC123AF
IC607	8-759-987-27	s	IC LM1881M
IC608	8-759-907-81	s	IC SN74LS221NS
IC609	8-759-198-63	s	IC S-81230SG-QB-T1
IC610	8-759-343-09	s	IC CXD2193AR-ER
IC611	8-759-524-19	s	IC TC74VHC164FT(EL)
IC612	8-759-981-48	s	IC TL082M
IC613	8-759-926-11	s	IC SN74HC138ANS
IC614	8-759-271-86	s	IC TC7SH04FU
IC615	8-759-927-46	s	IC SN74HC00ANS
IC616	8-759-524-28	s	IC TC74VHC245FT(EL)
IC617	8-759-524-28	s	IC TC74VHC245FT(EL)
IC618	8-759-196-96	s	IC TC7SH08FU-TE85R
IC619	8-759-271-86	s	IC TC7SH04FU
IC620	8-759-523-95	s	IC TC74VHC74FT(EL)
IC621	8-759-082-57	s	IC TC7W04FU
IC622	8-759-530-05	s	IC TC4053BFT(EL,N)
IC623	8-759-907-81	s	IC SN74LS221NS
IC624	8-759-196-97	s	IC TC7SH32FU-TE85R
IC625	8-759-239-55	s	IC TC74HC123AF
IC626	8-759-083-94	s	IC TC7W74FU
IC627	8-759-082-61	s	IC TC4W53FU
IC628	8-759-196-93	s	IC TC7SH00FU-TE85R
IC629	8-759-271-86	s	IC TC7SH04FU
IC630	8-759-196-96	s	IC TC7SH08FU-TE85R
L1	1-412-533-21	s	INDUCTOR 47uH
L2	1-412-533-21	s	INDUCTOR 47uH
L3	1-412-533-21	s	INDUCTOR 47uH
L4	1-412-533-21	s	INDUCTOR 47uH
L5	1-412-533-21	s	INDUCTOR 47uH
L6	1-412-533-21	s	INDUCTOR 47uH
L100	1-408-607-31	s	INDUCTOR 22uH
L101	1-408-607-31	s	INDUCTOR 22uH
L102	1-410-478-11	s	INDUCTOR 47uH
L103	1-410-478-11	s	INDUCTOR 47uH
L104	1-410-478-11	s	INDUCTOR 47uH
L200	1-408-607-31	s	INDUCTOR 22uH
L201	1-408-607-31	s	INDUCTOR 22uH
L202	1-410-462-11	s	INDUCTOR 2.2uH
L203	1-408-400-00	s	INDUCTOR 1.8uH
L204	1-408-400-00	s	INDUCTOR 1.8uH
L205	1-410-478-11	s	INDUCTOR 47uH
L206	1-410-478-11	s	INDUCTOR 47uH
L300	1-410-482-31	s	INDUCTOR 100uH
L301	1-410-476-11	s	INDUCTOR 33uH
L302	1-410-464-11	s	INDUCTOR 3.3uH
L303	1-410-476-11	s	INDUCTOR 33uH
L304	1-408-600-31	s	INDUCTOR 5.6uH
L305	1-410-482-31	s	INDUCTOR 100uH
L306	1-410-482-31	s	INDUCTOR 100uH
L307	1-410-482-31	s	INDUCTOR 100uH

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Ref. No. or Q'ty	Part No.	SP	Description
L308	1-410-482-31	s	INDUCTOR 100uH
L309	1-410-482-31	s	INDUCTOR 100uH
L310	1-410-482-31	s	INDUCTOR 100uH
L311	1-410-482-31	s	INDUCTOR 100uH
L312	1-410-482-31	s	INDUCTOR 100uH
L400	1-410-478-11	s	INDUCTOR 47uH
L401	1-408-607-31	s	INDUCTOR 22uH
L402	1-408-607-31	s	INDUCTOR 22uH
L500	1-410-478-11	s	INDUCTOR 47uH
L501	1-410-478-11	s	INDUCTOR 47uH
L502	1-410-478-11	s	INDUCTOR 47uH
L503	1-410-478-11	s	INDUCTOR 47uH
L600	1-410-478-11	s	INDUCTOR 47uH
L601	1-414-109-61	s	INDUCTOR 0.82uH
L602	1-408-607-31	s	INDUCTOR 22uH
L603	1-411-275-21	s	COIL, VAR, CHIP 5.6uH
L604	1-410-478-11	s	INDUCTOR 47uH
L605	1-410-478-11	s	INDUCTOR 47uH
L606	1-410-478-11	s	INDUCTOR 47uH
PS1	⚠ 1-532-984-11	s	LINK, IC 2A
PS2	⚠ 1-532-984-11	s	LINK, IC 2A
PS3	⚠ 1-532-984-11	s	LINK, IC 2A
PS4	⚠ 1-532-984-11	s	LINK, IC 2A
PS5	⚠ 1-532-984-11	s	LINK, IC 2A
PS6	⚠ 1-532-984-11	s	LINK, IC 2A
Q100	8-729-904-41	s	TRANSISTOR FMY3
Q101	8-729-907-46	s	TRANSISTOR IMZ1
Q102	8-729-907-46	s	TRANSISTOR IMZ1
Q103	8-729-907-46	s	TRANSISTOR IMZ1
Q104	8-729-117-32	s	TRANSISTOR 2SC4177
Q105	8-729-904-04	s	TRANSISTOR FMS2
Q106	8-729-117-72	s	TRANSISTOR 2SC4178
Q107	8-729-117-32	s	TRANSISTOR 2SC4177
Q108	8-729-117-32	s	TRANSISTOR 2SC4177
Q109	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q110	8-729-117-72	s	TRANSISTOR 2SC4178
Q111	8-729-904-04	s	TRANSISTOR FMS2
Q112	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q113	8-729-117-32	s	TRANSISTOR 2SC4177
Q118	8-729-117-32	s	TRANSISTOR 2SC4177
Q121	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q200	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q201	8-729-117-32	s	TRANSISTOR 2SC4177
Q202	8-729-117-32	s	TRANSISTOR 2SC4177
Q203	8-729-117-32	s	TRANSISTOR 2SC4177
Q300	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q301	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q302	8-729-117-32	s	TRANSISTOR 2SC4177
Q303	8-729-117-32	s	TRANSISTOR 2SC4177
Q304	8-729-117-32	s	TRANSISTOR 2SC4177
Q305	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q306	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q307	8-729-117-32	s	TRANSISTOR 2SC4177
Q308	8-729-117-32	s	TRANSISTOR 2SC4177
Q309	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q310	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q311	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q312	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6

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Ref. No. or Q'ty	Part No.	SP	Description
Q313	8-729-117-32	s	TRANSISTOR 2SC4177
Q314	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q315	8-729-117-32	s	TRANSISTOR 2SC4177
Q316	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q317	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q318	8-729-117-32	s	TRANSISTOR 2SC4177
Q319	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q320	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q400	8-729-117-32	s	TRANSISTOR 2SC4177
Q401	8-729-117-32	s	TRANSISTOR 2SC4177
Q402	8-729-117-32	s	TRANSISTOR 2SC4177
Q403	8-729-117-32	s	TRANSISTOR 2SC4177
Q404	8-729-117-32	s	TRANSISTOR 2SC4177
Q405	8-729-117-72	s	TRANSISTOR 2SC4178
Q406	8-729-117-32	s	TRANSISTOR 2SC4177
Q407	8-729-422-44	s	TRANSISTOR 2SK663
Q408	8-729-422-44	s	TRANSISTOR 2SK663
Q409	8-729-422-44	s	TRANSISTOR 2SK663
Q410	8-729-422-44	s	TRANSISTOR 2SK663
Q412	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q413	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q414	8-729-117-32	s	TRANSISTOR 2SC4177
Q415	8-729-117-32	s	TRANSISTOR 2SC4177
Q417	8-729-117-72	s	TRANSISTOR 2SC4178
Q418	8-729-117-72	s	TRANSISTOR 2SC4178
Q420	8-729-117-72	s	TRANSISTOR 2SC4178
Q421	8-729-117-72	s	TRANSISTOR 2SC4178
Q422	8-729-117-72	s	TRANSISTOR 2SC4178
Q423	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q424	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q425	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q600	8-729-117-32	s	TRANSISTOR 2SC4177
R100	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R101	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R102	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R103	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R104	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R105	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R106	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R107	1-216-059-00	s	METAL, CHIP 2.7k 5% 1/10W
R108	1-216-059-00	s	METAL, CHIP 2.7k 5% 1/10W
R109	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R110	1-216-618-11	s	METAL, CHIP 43 0.50% 1/10W
R111	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R112	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R113	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R114	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R115	1-216-059-00	s	METAL, CHIP 2.7k 5% 1/10W
R116	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R117	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R118	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R119	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R120	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R121	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R122	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R123	1-216-641-11	s	METAL, CHIP 390 0.5% 1/10W
R124	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R125	1-216-025-91	s	METAL, CHIP 100 5% 1/10W

(DDE-4P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP	Description
R126	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R127	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R128	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R129	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R130	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R131	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R132	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R133	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R134	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R135	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R136	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R137	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R138	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R139	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R140	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R141	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R142	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R147	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R148	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R149	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R155	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R156	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R157	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R158	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R161	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R163	1-216-059-00	s	METAL, CHIP 2.7k 5% 1/10W
R200	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R201	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R203	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R204	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R205	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R206	1-216-663-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R207	1-216-663-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R208	1-216-663-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R209	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R210	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R211	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R212	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R213	1-216-071-00	s	METAL, CHIP 8.2k 5% 1/10W
R214	1-216-687-11	s	METAL, CHIP 33k 0.5% 1/10W
R216	1-216-683-11	s	METAL, CHIP 22k 0.5% 1/10W
R217	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R218	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R219	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R220	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R221	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R222	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R223	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R224	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R225	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R226	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R227	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R228	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R229	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R230	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R231	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R232	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R300	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R301	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R302	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R303	1-216-653-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R304	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R305	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R306	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R307	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R308	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R309	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R310	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R311	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R312	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R313	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R314	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R315	1-216-646-11	s	METAL, CHIP 620 0.5% 1/10W
R316	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R317	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R318	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R319	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R320	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R321	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R322	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R323	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R324	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R325	1-218-764-11	s	METAL 330k 0.50% 1/10W
R326	1-218-764-11	s	METAL 330k 0.50% 1/10W
R327	1-216-117-00	s	METAL, CHIP 680k 5% 1/10W
R328	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R329	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R330	1-216-695-11	s	METAL, CHIP 68k 0.5% 1/10W
R331	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R332	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R333	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R334	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R335	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R336	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R337	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R338	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R339	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R340	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R341	1-216-658-11	s	METAL, CHIP 2k 0.5% 1/10W
R342	1-216-653-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R343	1-216-670-11	s	METAL, CHIP 6.2k 0.5% 1/10W
R344	1-216-634-11	s	METAL, CHIP 200 0.5% 1/10W
R345	1-216-663-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R346	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R347	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R348	1-216-671-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R349	1-216-686-11	s	METAL, CHIP 30k 0.5% 1/10W
R350	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R351	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R352	1-216-117-00	s	METAL, CHIP 680k 5% 1/10W
R353	1-216-117-00	s	METAL, CHIP 680k 5% 1/10W
R354	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R356	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R357	1-216-133-00	s	METAL, CHIP 3.3M 5% 1/10W
R358	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R359	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R360	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R361	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W

(DDE-4P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP	Description
R363	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R364	1-216-663-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R365	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R366	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R367	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R368	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R369	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R371	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R372	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R373	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R374	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R375	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R376	1-216-653-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R377	1-216-653-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R378	1-216-662-11	s	METAL, CHIP 3k 0.5% 1/10W
R379	1-216-663-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R380	1-216-683-11	s	METAL, CHIP 22k 0.5% 1/10W
R381	1-216-683-11	s	METAL, CHIP 22k 0.5% 1/10W
R382	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R400	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R401	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R402	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R403	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R404	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R405	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R406	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R407	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R409	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R410	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R411	1-216-659-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R412	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R413	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R416	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R417	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R418	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R419	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R421	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R422	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R423	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R424	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R425	1-216-639-11	s	METAL, CHIP 330 0.5% 1/10W
R426	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R427	1-216-656-11	s	METAL, CHIP 1.6k 0.5% 1/10W
R428	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R429	1-216-656-11	s	METAL, CHIP 1.6k 0.5% 1/10W
R430	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R431	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R433	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R434	1-216-661-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R435	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R436	1-216-661-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R439	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R440	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R441	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R442	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R443	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R444	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R445	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R446	1-216-025-91	s	METAL, CHIP 100 5% 1/10W

(DDE-4P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP	Description
R447	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R458	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R462	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R463	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R464	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R465	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R467	1-216-667-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R468	1-216-663-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R473	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R474	1-216-653-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R477	1-216-653-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R478	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R481	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R482	1-216-682-11	s	METAL, CHIP 20k 0.5% 1/10W
R483	1-216-682-11	s	METAL, CHIP 20k 0.5% 1/10W
R484	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R485	1-216-677-11	s	METAL, CHIP 12k 0.5% 1/10W
R486	1-216-682-11	s	METAL, CHIP 20k 0.5% 1/10W
R487	1-216-653-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R500	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R501	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R503	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R505	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R507	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R508	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R509	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R511	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R513	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R515	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R601	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R602	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R603	1-216-113-00	s	METAL, CHIP 470k 5% 1/10W
R604	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R605	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R606	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R607	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R609	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R611	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R614	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R615	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R616	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R620	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R622	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R623	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R624	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R625	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R626	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R627	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R628	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R629	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R630	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R631	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R632	1-216-117-00	s	METAL, CHIP 680k 5% 1/10W
R634	1-216-696-11	s	METAL, CHIP 75k 0.5% 1/10W
R637	1-216-693-11	s	METAL, CHIP 56k 0.5% 1/10W
R640	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R642	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R653	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R654	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W

(DDE-4P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP	Description
R658	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R664	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R666	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R667	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R675	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R678	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R681	1-216-103-00	s	METAL, CHIP 180k 5% 1/10W
R682	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R683	1-216-113-00	s	METAL, CHIP 470k 5% 1/10W
R684	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R685	1-216-075-00	s	METAL, CHIP 12k 5% 1/10W
R686	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
RB200	1-233-235-11	s	RESISTOR BLOCK, CHIP 10k x 4
RB201	1-233-235-11	s	RESISTOR BLOCK, CHIP 10k x 4
RB300	1-233-237-11	s	RESISTOR BLOCK, CHIP 100k x 4
RB301	1-239-999-11	s	RESISTOR BLOCK, CHIP 1k x 4
RB500	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB501	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB502	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB503	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB504	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB507	1-239-999-11	s	RESISTOR BLOCK, CHIP 1k x 4
RB600	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB601	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RV100	1-237-032-11	s	RES, ADJ, METAL 500
RV200	1-237-035-11	s	RES, ADJ, METAL 5k
RV201	1-237-036-11	s	RES, ADJ, METAL 10k
RV202	1-237-035-11	s	RES, ADJ, METAL 5k
RV300	1-237-034-11	s	RES, ADJ, METAL 2k
RV301	1-237-034-11	s	RES, ADJ, METAL 2k
RV400	1-237-032-11	s	RES, ADJ, METAL 500
RV401	1-237-032-11	s	RES, ADJ, METAL 500
RV402	1-237-032-11	s	RES, ADJ, METAL 500
RV403	1-237-033-11	s	RES, ADJ, METAL 1k
RV404	1-237-034-11	s	RES, ADJ, METAL 2k
RV405	1-237-034-11	s	RES, ADJ, METAL 2k
RV406	1-237-034-11	s	RES, ADJ, METAL 2k
RV407	1-237-034-11	s	RES, ADJ, METAL 2k
RV408	1-237-034-11	s	RES, ADJ, METAL 2k
RV409	1-237-034-11	s	RES, ADJ, METAL 2k
RV600	1-237-036-11	s	RES, ADJ, METAL 10k
S200	1-571-275-31	s	SWITCH, SLIDE
X300	1-760-457-11	s	VIBRATOR, CRYSTAL (VCO)
X301	1-760-183-21	s	VIBRATOR, CRYSTAL
X600	1-760-654-21	s	CRYSTAL, CHIP 13.50MHz

DEN-5 BOARD(DSR-85)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8277-872-A	s	MOUNTED CIRCUIT BOARD, DEN-5
1pc	7-621-759-45	s	+PSW, 2.6x6
1pc	3-179-085-01	s	LEVER (L), PRINTED CIRCUIT BOARD
1pc	3-179-084-01	s	LEVER (R), PRINTED CIRCUIT BOARD
C1	1-126-933-11	s	ELECT 100uF 20% 16V
C2	1-126-933-11	s	ELECT 100uF 20% 16V
C3	1-126-934-11	s	ELECT 220uF 20% 16V
C4	1-126-933-11	s	ELECT 100uF 20% 16V
C5	1-126-934-11	s	ELECT 220uF 20% 16V
C6	1-126-934-11	s	ELECT 220uF 20% 16V
C7	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C8	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C9	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C10	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C11	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C12	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C13	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C14	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C15	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C16	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C17	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C18	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C19	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C20	1-104-665-11	s	ELECT 100uF 20% 25V
C21	1-104-665-11	s	ELECT 100uF 20% 25V
C22	1-104-665-11	s	ELECT 100uF 20% 25V
C23	1-104-665-11	s	ELECT 100uF 20% 25V
C24	1-104-665-11	s	ELECT 100uF 20% 25V
C25	1-126-933-11	s	ELECT 100uF 20% 16V
C26	1-126-933-11	s	ELECT 100uF 20% 16V
C27	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C28	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C29	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C30	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C31	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C32	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C100	1-104-664-11	s	ELECT 47uF 20% 25V
C101	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C102	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C103	1-126-964-11	s	ELECT 10uF 20% 50V
C104	1-126-960-11	s	ELECT 1uF 20% 50V
C105	1-104-664-11	s	ELECT 47uF 20% 25V
C106	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C107	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C108	1-126-964-11	s	ELECT 10uF 20% 50V
C109	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C110	1-126-964-11	s	ELECT 10uF 20% 50V
C111	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C112	1-126-964-11	s	ELECT 10uF 20% 50V
C113	1-126-964-11	s	ELECT 10uF 20% 50V
C114	1-104-664-11	s	ELECT 47uF 20% 25V
C115	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C116	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C117	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C118	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C119	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C120	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C121	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C122	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V

(DEN-5 BOARD(DSR-85))

Ref. No. or Q'ty	Part No.	SP	Description
C123	1-104-665-11	s	ELECT 100uF 20% 25V
C124	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C125	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C126	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C127	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C128	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C129	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C130	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C131	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C132	1-130-489-00	s	MYLAR 0.033uF 5% 50V
C133	1-104-664-11	s	ELECT 47uF 20% 25V
C134	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C135	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C136	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C137	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C138	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C139	1-104-664-11	s	ELECT 47uF 20% 25V
C140	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C141	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C142	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C143	1-104-664-11	s	ELECT 47uF 20% 25V
C144	1-104-664-11	s	ELECT 47uF 20% 25V
C145	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C146	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C147	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C148	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C149	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C150	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C151	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C153	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C154	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C155	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C156	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C157	1-131-347-00	s	TANTALUM 1uF 10% 35V
C158	1-131-375-00	s	TANTALUM 4.7uF 10% 10V
C159	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C160	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C161	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C162	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C164	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C165	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C166	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C167	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C168	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C169	1-163-263-11	s	CERAMIC, CHIP 330pF 5% 50V
C170	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C171	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C172	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C173	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V
C174	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V
C175	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C176	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C177	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C178	1-104-664-11	s	ELECT 47uF 20% 25V
C179	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C180	1-104-664-11	s	ELECT 47uF 20% 25V
C181	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C182	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C183	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V

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Ref. No. or Q'ty	Part No.	SP	Description
C184	1-126-960-11	s	ELECT 1uF 20% 50V
C185	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C186	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C187	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C188	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C189	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C190	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C191	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C192	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C193	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C194	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C195	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C196	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C197	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C198	1-104-665-11	s	ELECT 100uF 20% 25V
C199	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C201	1-126-934-11	s	ELECT 220uF 20% 16V
C202	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C208	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C209	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C210	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C211	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C212	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C213	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C214	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C215	1-126-934-11	s	ELECT 220uF 20% 16V
C216	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C217	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C218	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C219	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C220	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C221	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C222	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C223	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C224	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C225	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C226	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C228	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C300	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C301	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C302	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C303	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C304	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C305	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C306	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C307	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C308	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C309	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C310	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C311	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C312	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C313	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C314	1-163-237-11	s	CERAMIC, CHIP 27pF 5% 50V
C315	1-163-237-11	s	CERAMIC, CHIP 27pF 5% 50V
C316	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C317	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C318	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C319	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C320	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C321	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C322	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C323	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C324	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C325	1-126-964-11	s	ELECT 10uF 20% 50V
C326	1-126-964-11	s	ELECT 10uF 20% 50V
C327	1-163-237-11	s	CERAMIC, CHIP 27pF 5% 50V
C328	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C329	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C330	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C331	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C332	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C333	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C334	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C335	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C336	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C337	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C338	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C339	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C340	1-104-665-11	s	ELECT 100uF 20% 25V
C341	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C342	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C343	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C344	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C345	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C346	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C347	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C348	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C349	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C350	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C351	1-104-665-11	s	ELECT 100uF 20% 25V
C352	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C353	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C354	1-104-665-11	s	ELECT 100uF 20% 25V
C355	1-163-231-11	s	CERAMIC, CHIP 15pF 5% 50V
C356	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C357	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C358	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C359	1-104-665-11	s	ELECT 100uF 20% 25V
C360	1-104-665-11	s	ELECT 100uF 20% 25V
C362	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C363	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C364	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C365	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C366	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C367	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C368	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C369	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C370	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C371	1-104-664-11	s	ELECT 47uF 20% 25V
C372	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C373	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C374	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C375	1-126-934-11	s	ELECT 220uF 20% 16V
C376	1-126-934-11	s	ELECT 220uF 20% 16V
C377	1-126-934-11	s	ELECT 220uF 20% 16V
C400	1-104-665-11	s	ELECT 100uF 20% 25V
C401	1-104-665-11	s	ELECT 100uF 20% 25V
C402	1-104-665-11	s	ELECT 100uF 20% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C403	1-104-665-11	s	ELECT 100uF 20% 25V
C404	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C405	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C406	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C407	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C408	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C409	1-131-353-00	s	TANTALUM 10uF 10% 35V
C410	1-131-353-00	s	TANTALUM 10uF 10% 35V
C411	1-104-665-11	s	ELECT 100uF 20% 25V
C412	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C413	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C414	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C415	1-130-491-00	s	MYLAR 0.047uF 5% 50V
C416	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C417	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C418	1-163-231-11	s	CERAMIC, CHIP 15pF 5% 50V
C419	1-163-120-00	s	CERAMIC, CHIP 130pF 5% 50V
C420	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C421	1-163-229-11	s	CERAMIC, CHIP12pF 5% 50V
C422	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C423	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C424	1-104-665-11	s	ELECT 100uF 20% 25V
C425	1-126-933-11	s	ELECT 100uF 20% 16V
C426	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C427	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C428	1-104-665-11	s	ELECT 100uF 20% 25V
C429	1-163-224-11	s	CERAMIC, CHIP 7pF 0.25pF 50V
C430	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C431	1-131-353-00	s	TANTALUM 10uF 10% 35V
C432	1-104-665-11	s	ELECT 100uF 20% 25V
C433	1-131-353-00	s	TANTALUM 10uF 10% 35V
C434	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C435	1-130-491-00	s	MYLAR 0.047uF 5% 50V
C436	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C437	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C438	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C439	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C440	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C441	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C442	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C443	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C444	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C445	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C446	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C447	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C448	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C449	1-104-665-11	s	ELECT 100uF 20% 25V
C450	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C451	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C452	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C453	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C454	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C455	1-104-665-11	s	ELECT 100uF 20% 25V
C456	1-126-933-11	s	ELECT 100uF 20% 16V
C457	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C458	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C459	1-163-222-11	s	CERAMIC 5pF 0.25pF 50V
C460	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C461	1-163-108-00	s	CERAMIC, CHIP 43pF 5% 50V

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Ref. No. or Q'ty	Part No.	SP	Description
C462	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C500	1-104-665-11	s	ELECT 100uF 20% 25V
C501	1-104-665-11	s	ELECT 100uF 20% 25V
C502	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C503	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C504	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C505	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C506	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C507	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C508	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C509	1-163-118-00	s	CERAMIC, CHIP 110pF 5% 50V
C510	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C511	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C514	1-104-665-11	s	ELECT 100uF 20% 25V
C515	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C516	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C517	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C518	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C519	1-163-231-11	s	CERAMIC, CHIP 15pF 5% 50V
C520	1-131-347-00	s	TANTALUM 1uF 10% 35V
C521	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C522	1-131-347-00	s	TANTALUM 1uF 10% 35V
C523	1-131-347-00	s	TANTALUM 1uF 10% 35V
C524	1-131-347-00	s	TANTALUM 1uF 10% 35V
C525	1-104-665-11	s	ELECT 100uF 20% 25V
C526	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C527	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C528	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C529	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C530	1-130-491-00	s	MYLAR 0.047uF 5% 50V
C531	1-130-491-00	s	MYLAR 0.047uF 5% 50V
C532	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C533	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C534	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C535	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C536	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C537	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C538	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C539	1-126-933-11	s	ELECT 100uF 20% 16V
C540	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C541	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C542	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C543	1-104-665-11	s	ELECT 100uF 20% 25V
C544	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C545	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C546	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C547	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C548	1-163-237-11	s	CERAMIC, CHIP 27pF 5% 50V
C549	1-163-237-11	s	CERAMIC, CHIP 27pF 5% 50V
C550	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C551	1-163-245-11	s	CERAMIC, CHIP 56pF 5% 50V
C552	1-163-245-11	s	CERAMIC, CHIP 56pF 5% 50V
C553	1-163-237-11	s	CERAMIC, CHIP 27pF 5% 50V
C554	1-163-237-11	s	CERAMIC, CHIP 27pF 5% 50V
C555	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C556	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C557	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C558	1-163-224-11	s	CERAMIC, CHIP 7pF 0.25pF 50V
C560	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C561	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C562	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C563	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C600	1-126-933-11	s	ELECT 100uF 20% 16V
C601	1-104-665-11	s	ELECT 100uF 20% 25V
C602	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C603	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C604	1-163-231-11	s	CERAMIC, CHIP 15pF 5% 50V
C605	1-163-231-11	s	CERAMIC, CHIP 15pF 5% 50V
C606	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C607	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C608	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C609	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C610	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C611	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C612	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C613	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C614	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C615	1-104-665-11	s	ELECT 100uF 20% 25V
C616	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C617	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C618	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C619	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C620	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1100	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1101	1-104-665-11	s	ELECT 100uF 20% 25V
C1102	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1103	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1104	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1105	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1106	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1107	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1108	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1109	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1110	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C1111	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1112	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1113	1-163-231-11	s	CERAMIC, CHIP 15pF 5% 50V
C1114	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C1115	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1116	1-131-349-00	s	TANTALUM 2.2uF 10% 35V
C1117	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C1118	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C1119	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1120	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1121	1-104-665-11	s	ELECT 100uF 20% 25V
C1122	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C1123	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1124	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1125	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1126	1-104-665-11	s	ELECT 100uF 20% 25V
C1127	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1128	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1129	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C1130	1-126-934-11	s	ELECT 220uF 20% 16V
C1131	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C1132	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1133	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C1134	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V

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Ref. No. or Q'ty	Part No.	SP	Description
C1135	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
CV100	1-141-443-11	s	CAP, TRIMMER CERAMIC 30pF
CV101	1-141-443-11	s	CAP, TRIMMER CERAMIC 30pF
CV102	1-141-442-91	s	CAP, TRIMMER CERAMIC 20pF
D1	8-719-941-04	s	DIODE SB007-03CP
D2	8-719-941-04	s	DIODE SB007-03CP
D3	8-719-941-04	s	DIODE SB007-03CP
D4	8-719-941-04	s	DIODE SB007-03CP
D5	8-719-941-04	s	DIODE SB007-03CP
D6	8-719-941-04	s	DIODE SB007-03CP
D7	8-719-941-04	s	DIODE SB007-03CP
D100	8-719-024-81	s	DIODE 1SS300-TE85L
D101	8-719-002-81	s	DIODE 1T363
D102	8-719-002-81	s	DIODE 1T363
D103	8-719-002-81	s	DIODE 1T363
D300	8-719-041-39	s	DIODE KV1470
D301	8-719-041-39	s	DIODE KV1470
D302	8-719-041-39	s	DIODE KV1470
D303	8-719-941-23	s	DIODE DA204U
D400	8-719-024-81	s	DIODE 1SS300-TE85L
D401	8-719-976-99	s	DIODE DTZ5.1B
D402	8-719-024-81	s	DIODE 1SS300-TE85L
D500	8-719-989-08	s	DIODE RB717F
E100	1-535-881-21	o	TERMINAL, TP
E101	1-535-881-21	o	TERMINAL, TP
E200	1-535-881-21	o	TERMINAL, TP
E300	1-535-881-21	o	TERMINAL, TP
E301	1-535-881-21	o	TERMINAL, TP
E400	1-535-881-21	o	TERMINAL, TP
E500	1-535-881-21	o	TERMINAL, TP
FL100	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
FL101	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
FL300	1-233-614-11	s	FILTER, LOW-PASS
FL301	1-233-598-11	s	FILTER, LOW-PASS
FL302	1-233-598-11	s	FILTER, LOW-PASS
FL500	1-239-771-11	s	FILTER, LOW-PASS
IC1	8-759-168-20	s	IC TA78L09S
IC2	8-759-168-20	s	IC TA78L09S
IC3	8-759-182-84	s	IC PQ05SZ5U
IC4	8-759-182-84	s	IC PQ05SZ5U
IC5	8-759-182-84	s	IC PQ05SZ5U
IC6	8-759-822-95	s	IC L79M05T-FA
IC7	8-759-822-95	s	IC L79M05T-FA
IC100	8-759-925-74	s	IC SN74HC04ANS
IC101	8-752-052-77	s	IC CXA1450M
IC102	8-752-052-77	s	IC CXA1450M
IC103	8-759-981-48	s	IC TL082M
IC104	8-759-287-54	s	IC TL084CPW-E20
IC105	8-759-009-05	s	IC MC14051BF
IC106	8-752-052-73	s	IC CXA1451M
IC107	8-759-100-96	s	IC UPC4558G2
IC108	8-759-987-27	s	IC LM1881M
IC109	8-759-981-48	s	IC TL082M
IC110	8-759-009-07	s	IC MC14053BF
IC111	8-759-702-08	s	IC NJM360M
IC112	8-759-100-96	s	IC UPC4558G2

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Ref. No. or Q'ty	Part No.	SP	Description
IC113	8-759-980-04	s	IC LM311PS
IC114	8-759-908-15	s	IC TL431CLP
IC115	8-759-009-07	s	IC MC14053BF
IC116	8-759-239-55	s	IC TC74HC123AF
IC117	8-759-459-26	s	IC TC5081BP
IC118	8-759-186-44	s	IC TC74VHC125F
IC119	8-759-031-84	s	IC SC7S04F
IC120	8-759-562-24	o	IC MC68HC05C8FU-SC440923FU
IC121	8-752-335-47	s	IC CXD1216M
IC122	8-759-241-03	s	IC TC74HC191AF
IC123	8-759-271-86	s	IC TC7SH04FU
IC124	8-759-031-84	s	IC SC7S04F
IC125	8-759-271-86	s	IC TC7SH04FU
IC126	8-759-239-55	s	IC TC74HC123AF
IC127	8-759-925-90	s	IC SN74HC74ANS
IC128	8-759-526-00	s	IC CXD8165AQ
IC129	8-759-031-84	s	IC SC7S04F
IC130	8-752-339-46	s	IC CXD1177Q
IC131	8-759-196-97	s	IC TC7SH32FU-TE85R
IC132	8-759-287-54	s	IC TL084CPW-E20
IC133	8-759-524-50	s	IC TC74VHC541FT(EL)
IC134	8-759-524-50	s	IC TC74VHC541FT(EL)
IC135	8-752-374-89	s	IC CXD2192Q-T4
IC136	8-759-927-46	s	IC SN74HC00ANS
IC137	8-759-196-97	s	IC TC7SH32FU-TE85R
IC138	8-759-196-97	s	IC TC7SH32FU-TE85R
IC200	8-759-524-28	s	IC TC74VHC245FT(EL)
IC201	8-759-524-28	s	IC TC74VHC245FT(EL)
IC203	8-759-457-61	s	IC CXD8628BR
IC204	8-759-524-28	s	IC TC74VHC245FT(EL)
IC205	8-759-491-47	s	IC TC74VHCT08AFT(EL)
IC206	8-759-271-86	s	IC TC7SH04FU
IC250	8-759-524-52	s	IC TC74VHC574FT(EL)
IC251	8-759-524-52	s	IC TC74VHC574FT(EL)
IC252	8-759-271-86	s	IC TC7SH04FU
IC254	8-759-524-52	s	IC TC74VHC574FT(EL)
IC300	8-759-100-96	s	IC UPC4558G2
IC301	8-759-100-96	s	IC UPC4558G2
IC303	8-759-100-96	s	IC UPC4558G2
IC304	8-759-082-61	s	IC TC4W53FU
IC305	8-759-100-96	s	IC UPC4558G2
IC306	8-759-100-96	s	IC UPC4558G2
IC307	8-759-100-96	s	IC UPC4558G2
IC308	8-759-100-96	s	IC UPC4558G2
IC309	8-752-363-60	s	IC CXD2307R-T4
IC310	8-752-052-77	s	IC CXA1450M
IC312	8-759-198-63	s	IC S-81230SG-QB-T1
IC400	8-759-082-59	s	IC TC7W32FU
IC401	8-759-287-54	s	IC TL084CPW-E20
IC402	8-759-009-07	s	IC MC14053BF
IC403	8-759-981-48	s	IC TL082M
IC404	8-752-052-73	s	IC CXA1451M
IC405	8-752-052-73	s	IC CXA1451M
IC406	8-752-052-73	s	IC CXA1451M
IC407	8-759-262-00	s	IC MC14576CF
IC408	8-759-082-61	s	IC TC4W53FU
IC500	8-759-907-81	s	IC SN74LS221NS
IC501	8-759-287-54	s	IC TL084CPW-E20
IC502	8-759-009-07	s	IC MC14053BF

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Ref. No. or Q'ty	Part No.	SP	Description
IC503	8-759-981-48	s	IC TL082M
IC504	8-752-054-80	s	IC CXA1521M
IC505	8-752-054-80	s	IC CXA1521M
IC506	8-759-906-59	s	IC CX22017
IC600	8-752-052-73	s	IC CXA1451M
IC601	8-752-052-73	s	IC CXA1451M
L1	1-412-533-21	s	INDUCTOR 47uH
L2	1-412-533-21	s	INDUCTOR 47uH
L3	1-412-533-21	s	INDUCTOR 47uH
L4	1-412-533-21	s	INDUCTOR 47uH
L5	1-412-533-21	s	INDUCTOR 47uH
L6	1-412-533-21	s	INDUCTOR 47uH
L100	1-408-612-31	s	INDUCTOR 56uH
L101	1-410-482-31	s	INDUCTOR 100uH
L102	1-410-482-31	s	INDUCTOR 100uH
L103	1-408-613-31	s	INDUCTOR 68uH
L104	1-410-478-11	s	INDUCTOR 47uH
L105	1-410-478-11	s	INDUCTOR 47uH
L106	1-410-478-11	s	INDUCTOR 47uH
L107	1-410-478-11	s	INDUCTOR 47uH
L108	1-410-478-11	s	INDUCTOR 47uH
L109	1-410-482-31	s	INDUCTOR 100uH
L110	1-410-482-31	s	INDUCTOR 100uH
L111	1-410-478-11	s	INDUCTOR 47uH
L112	1-410-478-11	s	INDUCTOR 47uH
L201	1-410-478-11	s	INDUCTOR 47uH
L202	1-410-478-11	s	INDUCTOR 47uH
L300	1-408-607-31	s	INDUCTOR 22uH
L301	1-408-607-31	s	INDUCTOR 22uH
L302	1-410-482-31	s	INDUCTOR 100uH
L303	1-410-482-31	s	INDUCTOR 100uH
L304	1-410-482-31	s	INDUCTOR 100uH
L305	1-410-482-31	s	INDUCTOR 100uH
L306	1-410-482-31	s	INDUCTOR 100uH
L307	1-410-478-11	s	INDUCTOR 47uH
L308	1-410-478-11	s	INDUCTOR 47uH
L309	1-410-478-11	s	INDUCTOR 47uH
L400	1-410-482-31	s	INDUCTOR 100uH
L401	1-410-482-31	s	INDUCTOR 100uH
L402	1-410-482-31	s	INDUCTOR 100uH
L403	1-408-613-31	s	INDUCTOR 68uH
L404	1-410-482-31	s	INDUCTOR 100uH
L405	1-410-482-31	s	INDUCTOR 100uH
L406	1-410-478-11	s	INDUCTOR 47uH
L407	1-410-476-11	s	INDUCTOR 33uH
L408	1-410-482-31	s	INDUCTOR 100uH
L409	1-410-482-31	s	INDUCTOR 100uH
L410	1-410-478-11	s	INDUCTOR 47uH
L500	1-410-482-31	s	INDUCTOR 100uH
L501	1-410-482-31	s	INDUCTOR 100uH
L502	1-410-482-31	s	INDUCTOR 100uH
L503	1-410-482-31	s	INDUCTOR 100uH
L504	1-410-482-31	s	INDUCTOR 100uH
L505	1-410-482-31	s	INDUCTOR 100uH
L506	1-410-482-31	s	INDUCTOR 100uH
L507	1-410-478-11	s	INDUCTOR 47uH
L508	1-410-478-11	s	INDUCTOR 47uH
L509	1-410-478-11	s	INDUCTOR 47uH

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Ref. No. or Q'ty	Part No.	SP	Description
L510	1-410-478-11	s	INDUCTOR 47uH
L511	1-408-607-31	s	INDUCTOR 22uH
L600	1-410-482-31	s	INDUCTOR 100uH
L601	1-410-476-11	s	INDUCTOR 33uH
L602	1-410-476-11	s	INDUCTOR 33uH
L603	1-410-482-31	s	INDUCTOR 100uH
L604	1-410-482-31	s	INDUCTOR 100uH
PS1	⚠ 1-532-984-11	s	LINK, IC 2A
PS2	⚠ 1-532-984-11	s	LINK, IC 2A
PS3	⚠ 1-532-984-11	s	LINK, IC 2A
PS4	⚠ 1-532-984-11	s	LINK, IC 2A
PS5	⚠ 1-532-984-11	s	LINK, IC 2A
PS6	⚠ 1-532-984-11	s	LINK, IC 2A
Q100	8-729-117-32	s	TRANSISTOR 2SC4177
Q101	8-729-117-32	s	TRANSISTOR 2SC4177
Q102	8-729-117-32	s	TRANSISTOR 2SC4177
Q103	8-729-117-32	s	TRANSISTOR 2SC4177
Q104	8-729-117-32	s	TRANSISTOR 2SC4177
Q105	8-729-117-32	s	TRANSISTOR 2SC4177
Q106	8-729-904-41	s	TRANSISTOR FMY3
Q107	8-729-117-32	s	TRANSISTOR 2SC4177
Q108	8-729-117-32	s	TRANSISTOR 2SC4177
Q109	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q110	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q111	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q112	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q113	8-729-117-32	s	TRANSISTOR 2SC4177
Q114	8-729-117-32	s	TRANSISTOR 2SC4177
Q115	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q116	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q300	8-729-117-32	s	TRANSISTOR 2SC4177
Q301	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q302	8-729-117-32	s	TRANSISTOR 2SC4177
Q303	8-729-117-32	s	TRANSISTOR 2SC4177
Q400	8-729-117-32	s	TRANSISTOR 2SC4177
Q401	8-729-923-06	s	TRANSISTOR FMW-8
Q402	8-729-904-04	s	TRANSISTOR FMS2
Q403	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q404	8-729-903-82	s	TRANSISTOR FMW2
Q405	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q406	8-729-931-46	s	TRANSISTOR FMW7
Q407	8-729-907-26	s	TRANSISTOR IMX1
Q408	8-729-117-32	s	TRANSISTOR 2SC4177
Q409	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q410	8-729-117-32	s	TRANSISTOR 2SC4177
Q411	8-729-117-32	s	TRANSISTOR 2SC4177
Q412	8-729-117-32	s	TRANSISTOR 2SC4177
Q413	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q414	8-729-117-32	s	TRANSISTOR 2SC4177
Q415	8-729-904-41	s	TRANSISTOR FMY3
Q416	8-729-904-41	s	TRANSISTOR FMY3
Q417	8-729-117-32	s	TRANSISTOR 2SC4177
Q500	8-729-117-32	s	TRANSISTOR 2SC4177
Q501	8-729-117-32	s	TRANSISTOR 2SC4177
Q502	8-729-923-06	s	TRANSISTOR FMW-8
Q503	8-729-923-06	s	TRANSISTOR FMW-8
Q504	8-729-904-04	s	TRANSISTOR FMS2
Q505	8-729-904-04	s	TRANSISTOR FMS2

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Ref. No. or Q'ty	Part No.	SP	Description
Q506	8-729-903-82	s	TRANSISTOR FMW2
Q507	8-729-903-82	s	TRANSISTOR FMW2
Q508	8-729-931-46	s	TRANSISTOR FMW7
Q509	8-729-931-46	s	TRANSISTOR FMW7
Q510	8-729-907-26	s	TRANSISTOR IMX1
Q511	8-729-907-26	s	TRANSISTOR IMX1
Q512	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q513	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q514	8-729-117-32	s	TRANSISTOR 2SC4177
Q515	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q516	8-729-117-32	s	TRANSISTOR 2SC4177
Q517	8-729-117-32	s	TRANSISTOR 2SC4177
Q518	8-729-117-32	s	TRANSISTOR 2SC4177
Q519	8-729-117-32	s	TRANSISTOR 2SC4177
Q520	8-729-117-32	s	TRANSISTOR 2SC4177
Q521	8-729-117-32	s	TRANSISTOR 2SC4177
Q522	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q523	8-729-903-82	s	TRANSISTOR FMW2
Q524	8-729-903-82	s	TRANSISTOR FMW2
Q600	8-729-117-32	s	TRANSISTOR 2SC4177
Q601	8-729-117-32	s	TRANSISTOR 2SC4177
Q602	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q603	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q604	8-729-117-32	s	TRANSISTOR 2SC4177
Q605	8-729-117-32	s	TRANSISTOR 2SC4177
Q606	8-729-117-32	s	TRANSISTOR 2SC4177
Q607	8-729-117-32	s	TRANSISTOR 2SC4177
Q608	8-729-422-44	s	TRANSISTOR 2SK663
Q609	8-729-422-44	s	TRANSISTOR 2SK663
Q610	8-729-422-44	s	TRANSISTOR 2SK663
Q611	8-729-422-44	s	TRANSISTOR 2SK663
Q612	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q613	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
R100	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R101	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R102	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R103	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R104	1-208-792-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R105	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R106	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R107	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R108	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R109	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R110	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R111	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R112	1-216-051-00	s	METAL, CHIP 1.2k 5% 1/10W
R113	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R114	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R115	1-216-059-00	s	METAL, CHIP 2.7k 5% 1/10W
R117	1-208-794-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R118	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R119	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R120	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R121	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R122	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R123	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R124	1-208-802-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R125	1-208-822-11	s	CHIP, METAL 47k 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R126	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R127	1-208-800-11	s	METAL, CHIP 5.6k 0.5% 1/10
R128	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R129	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R130	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R131	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R132	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R133	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R134	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R135	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R136	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R137	1-208-796-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R138	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R139	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R140	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R141	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R142	1-208-802-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R143	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R144	1-216-655-11	s	METAL, CHIP 1.5k 0.5% 1/10W
R145	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R146	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R147	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R148	1-216-655-11	s	METAL, CHIP 1.5k 0.5% 1/10W
R149	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R150	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R151	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R153	1-216-059-00	s	METAL, CHIP 2.7k 5% 1/10W
R154	1-216-059-00	s	METAL, CHIP 2.7k 5% 1/10W
R155	1-216-047-91	s	METAL, CHIP 820 5% 1/10W
R156	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R157	1-208-755-11	s	METAL, CHIP 75 0.5% 1/10W
R158	1-216-059-00	s	METAL, CHIP 2.7k 5% 1/10W
R159	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R160	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R161	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R162	1-216-069-00	s	METAL, CHIP 6.8k 5% 1/10W
R163	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R164	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R165	1-216-117-00	s	METAL, CHIP 680k 5% 1/10W
R167	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R168	1-208-800-11	s	METAL, CHIP 5.6k 0.5% 1/10
R169	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R170	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R171	1-208-822-11	s	CHIP, METAL 47k 0.5% 1/10W
R172	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R173	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R174	1-216-093-91	s	METAL, CHIP 68k 5% 1/10W
R175	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R176	1-208-797-11	s	METAL, CHIP 4.3k 0.5% 1/10W
R177	1-216-061-00	s	METAL, CHIP 3.3k 5% 1/10W
R178	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R179	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R180	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R181	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R182	1-208-802-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R183	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R184	1-208-818-11	s	METAL, CHIP 33k 0.5% 1/10W
R185	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R186	1-208-822-11	s	CHIP, METAL 47k 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R187	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R188	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R189	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R190	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R191	1-208-818-11	s	METAL, CHIP 33k 0.5% 1/10W
R193	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R195	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R198	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R199	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R200	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R201	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R203	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R204	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R206	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R208	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R210	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R211	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R212	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R214	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R215	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R216	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R217	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R218	1-216-013-00	s	METAL, CHIP 33 5% 1/10W
R300	1-208-803-11	s	METAL, CHIP 7.5k 0.5% 1/10W
R301	1-208-796-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R302	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R303	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R304	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R305	1-208-783-11	s	METAL, CHIP 1.1k 0.5% 1/10W
R306	1-208-799-11	s	METAL, CHIP 5.1k 0.5% 1/10W
R308	1-208-799-11	s	METAL, CHIP 5.1k 0.5% 1/10W
R310	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R311	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R312	1-216-051-00	s	METAL, CHIP 1.2k 5% 1/10W
R313	1-216-051-00	s	METAL, CHIP 1.2k 5% 1/10W
R314	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R315	1-216-063-91	s	METAL, CHIP 3.9k 5% 1/10W
R316	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R317	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R318	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R319	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R320	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R321	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R322	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R323	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R324	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R325	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R326	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R327	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R328	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R329	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R330	1-216-053-00	s	METAL, CHIP 1.5k 5% 1/10W
R331	1-216-053-00	s	METAL, CHIP 1.5k 5% 1/10W
R332	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R333	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R334	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R335	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R336	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R337	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R338	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R339	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R340	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R342	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R343	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R344	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R345	1-208-809-11	s	METAL, CHIP 13k 0.5% 1/10W
R346	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R347	1-208-809-11	s	METAL, CHIP 13k 0.5% 1/10W
R348	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R349	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R350	1-208-792-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R351	1-208-792-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R352	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R353	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R354	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R355	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R356	1-208-809-11	s	METAL, CHIP 13k 0.5% 1/10W
R357	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R358	1-208-802-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R359	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R360	1-208-802-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R361	1-208-804-11	s	METAL, CHIP 8.2k 0.5% 1/10W
R362	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R363	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R364	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R365	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R366	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R367	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R368	1-208-792-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R369	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R370	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R371	1-208-796-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R372	1-208-796-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R373	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R374	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R375	1-208-794-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R376	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R377	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R378	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R379	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R380	1-208-776-11	s	METAL, CHIP 560 0.5% 1/10W
R381	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R382	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R383	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R384	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R385	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R386	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R387	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R388	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R389	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R390	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R391	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R392	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R400	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R401	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R402	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R403	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R404	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R405	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R406	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R407	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R408	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R409	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R410	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R411	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R412	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R413	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R414	1-216-077-00	s	METAL, CHIP 15k 5% 1/10W
R415	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R416	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R417	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R418	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R419	1-216-027-00	s	METAL, CHIP 120 5% 1/10W
R420	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R421	1-208-778-11	s	METAL, CHIP 680 0.5% 1/10W
R422	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R423	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R424	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R425	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R426	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R427	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R428	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R429	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R430	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R431	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R432	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R433	1-208-784-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R434	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R435	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R436	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R437	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R438	1-216-053-00	s	METAL, CHIP 1.5k 5% 1/10W
R439	1-216-113-00	s	METAL, CHIP 470k 5% 1/10W
R440	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R441	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R442	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R443	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R444	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R445	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R446	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R447	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R448	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R449	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R450	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R451	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R452	1-208-765-11	s	METAL, CHIP 200 0.5% 1/10W
R453	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R454	1-216-655-11	s	METAL, CHIP 1.5k 0.5% 1/10W
R455	1-208-788-11	s	METAL, CHIP 1.8k 0.5% 1/10W
R456	1-216-053-00	s	METAL, CHIP 1.5k 5% 1/10W
R457	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R458	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R459	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R460	1-208-776-11	s	METAL, CHIP 560 0.5% 1/10W
R461	1-208-778-11	s	METAL, CHIP 680 0.5% 1/10W
R462	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R463	1-208-755-11	s	METAL, CHIP 75 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R464	1-208-755-11	s	METAL, CHIP 75 0.5% 1/10W
R465	1-208-755-11	s	METAL, CHIP 75 0.5% 1/10W
R466	1-208-755-11	s	METAL, CHIP 75 0.5% 1/10W
R467	1-208-755-11	s	METAL, CHIP 75 0.5% 1/10W
R468	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R469	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R470	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R471	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R472	1-216-095-00	s	METAL, CHIP 82k 5% 1/10W
R473	1-208-784-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R474	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R475	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R476	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R477	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R478	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R479	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R480	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R500	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R501	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R502	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R503	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R504	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R505	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R506	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R507	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R508	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R509	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R510	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R511	1-208-799-11	s	METAL, CHIP 5.1k 0.5% 1/10W
R512	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R513	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R514	1-216-077-00	s	METAL, CHIP 15k 5% 1/10W
R515	1-216-077-00	s	METAL, CHIP 15k 5% 1/10W
R516	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R517	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R518	1-216-027-00	s	METAL, CHIP 120 5% 1/10W
R519	1-216-027-00	s	METAL, CHIP 120 5% 1/10W
R520	1-208-818-11	s	METAL, CHIP 33k 0.5% 1/10W
R523	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R524	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R525	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R526	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R527	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R528	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R529	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R530	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R531	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R532	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R533	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R534	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R535	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R536	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R537	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R538	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R539	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R540	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R541	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R542	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R543	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R544	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R545	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R546	1-208-788-11	s	METAL, CHIP 1.8k 0.5% 1/10W
R547	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R548	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R549	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R550	1-216-047-91	s	METAL, CHIP 820 5% 1/10W
R551	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R552	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R553	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R554	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R555	1-216-075-00	s	METAL, CHIP 12k 5% 1/10W
R556	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R557	1-216-079-00	s	METAL, CHIP 18k 5% 1/10W
R558	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R559	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R561	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R562	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R563	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R564	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R565	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R566	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R567	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R568	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R569	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R570	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R571	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R572	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R573	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R574	1-208-778-11	s	METAL, CHIP 680 0.5% 1/10W
R575	1-208-797-11	s	METAL, CHIP 4.3k 0.5% 1/10W
R577	1-208-792-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R578	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R579	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R580	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R581	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R600	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R601	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R602	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R603	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R604	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R605	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R606	1-208-784-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R607	1-208-784-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R608	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R609	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R610	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R611	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R612	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R613	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R614	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R615	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R616	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R617	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R618	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R619	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R620	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R621	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R622	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R623	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R624	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R625	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R626	1-208-791-11	s	METAL, CHIP 2.4k 0.5% 1/10W
R627	1-208-791-11	s	METAL, CHIP 2.4k 0.5% 1/10W
R628	1-208-755-11	s	METAL, CHIP 75 0.5% 1/10W
R629	1-208-755-11	s	METAL, CHIP 75 0.5% 1/10W
R891	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R892	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R1100	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R1101	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R1102	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R1104	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R1105	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R1106	1-208-789-11	s	METAL, CHIP 2k 0.5% 1/10W
R1107	1-216-051-00	s	METAL, CHIP 1.2k 5% 1/10W
R1108	1-208-789-11	s	METAL, CHIP 2k 0.5% 1/10W
R1109	1-216-051-00	s	METAL, CHIP 1.2k 5% 1/10W
R1110	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R1111	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R1112	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R1113	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R1114	1-216-069-00	s	METAL, CHIP 6.8k 5% 1/10W
R1115	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R1116	1-216-071-00	s	METAL, CHIP 8.2k 5% 1/10W
R1117	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R1118	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R1119	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R1120	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R1121	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R1123	1-216-115-00	s	METAL, CHIP 560k 5% 1/10W
R1124	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R1125	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R1126	1-208-769-11	s	METAL, CHIP 300 0.5% 1/10W
R1127	1-208-796-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R1128	1-208-769-11	s	METAL, CHIP 300 0.5% 1/10W
R1129	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R1130	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R1131	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1132	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R1133	1-208-750-11	s	METAL, CHIP 47 0.5% 1/10W
R1134	1-208-750-11	s	METAL, CHIP 47 0.5% 1/10W
R1135	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1136	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1139	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R1141	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R1142	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R1143	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R1144	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R1145	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R1146	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R1147	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R1148	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R1149	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R1150	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R1151	1-208-812-11	s	METAL, CHIP 18k 0.5% 1/10W
R1152	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R1153	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R1154	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R1155	1-208-823-11	s	METAL, CHIP 51k 0.5% 1/10W
R1156	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1157	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1159	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1160	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R1162	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R1163	1-216-105-91	s	METAL, CHIP 220k 5% 1/10W
R1164	1-216-059-00	s	METAL, CHIP 2.7k 5% 1/10W
R1165	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R1166	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R1167	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R1169	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1170	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1172	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1173	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1175	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R1177	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1179	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1180	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R1182	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
RB100	1-233-237-11	s	RESISTOR BLOCK, CHIP 100k x 4
RB101	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB102	1-239-999-11	s	RESISTOR BLOCK, CHIP 1k x 4
RB204	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB206	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB207	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB208	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB211	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB212	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB213	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB500	1-233-234-11	s	RESISTOR BLOCK, CHIP 2.2k x 4
RB891	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB892	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB893	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB894	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RV100	1-241-263-11	s	RES, ADJ, METAL 5k
RV101	1-237-034-11	s	RES, ADJ, METAL 2k
RV102	1-237-033-11	s	RES, ADJ, METAL 1k
RV103	1-241-264-11	s	RES, ADJ, METAL 10k
RV104	1-241-265-11	s	RES, ADJ, METAL 20k
RV105	1-241-264-11	s	RES, ADJ, METAL 10k
RV106	1-241-263-11	s	RES, ADJ, METAL 5k
RV200	1-237-032-11	s	RES, ADJ, METAL 500
RV201	1-241-258-11	s	RES, ADJ, METAL 100
RV300	1-241-263-11	s	RES, ADJ, METAL 5k
RV301	1-241-263-11	s	RES, ADJ, METAL 5k
RV302	1-241-262-11	s	RES, ADJ, METAL 2k
RV400	1-237-032-11	s	RES, ADJ, METAL 500
RV401	1-237-030-11	s	RES, ADJ, METAL 100
RV402	1-237-033-11	s	RES, ADJ, METAL 1k
RV403	1-241-266-11	s	RES, ADJ, METAL 50k
RV404	1-241-266-11	s	RES, ADJ, METAL 50k
RV405	1-241-263-11	s	RES, ADJ, METAL 5k
RV406	1-241-263-11	s	RES, ADJ, METAL 5k
RV407	1-241-262-11	s	RES, ADJ, METAL 2k
RV500	1-241-263-11	s	RES, ADJ, METAL 5k
RV501	1-241-263-11	s	RES, ADJ, METAL 5k
RV502	1-241-264-11	s	RES, ADJ, METAL 10k
RV503	1-241-261-41	s	RES, ADJ, METAL 1k

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Ref. No. or Q'ty	Part No.	SP	Description
RV504	1-237-033-11	s	RES, ADJ, METAL 1k
RV505	1-241-262-11	s	RES, ADJ, METAL 2k
RV506	1-241-262-11	s	RES, ADJ, METAL 2k
S200	1-572-855-11	s	SWITCH, SLIDE
TH500	1-807-972-11	s	THERMISTOR 1.25k
X100	1-527-722-00	s	CRYSTAL 14.31818MHz
X101	1-767-262-11	s	CRYSTAL 27.00MHz
X102	1-527-722-00	s	CRYSTAL 14.31818MHz
X300	1-767-260-11	s	CRYSTAL 13.50MHz
X301	1-767-260-11	s	CRYSTAL 13.50MHz
X302	1-767-260-11	s	CRYSTAL 13.50MHz

DEN-5P BOARD(DSR-85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8277-870-A	s	MOUNTED CIRCUIT BOARD, DEN-5P
1pc	7-621-759-45	s	+PSW, 2.6x6
1pc	3-179-085-01	s	LEVER (L), PRINTED CIRCUIT BOARD
1pc	3-179-084-01	s	LEVER (R), PRINTED CIRCUIT BOARD
C1	1-126-933-11	s	ELECT 100uF 20% 16V
C2	1-126-933-11	s	ELECT 100uF 20% 16V
C3	1-126-934-11	s	ELECT 220uF 20% 16V
C4	1-126-933-11	s	ELECT 100uF 20% 16V
C5	1-126-934-11	s	ELECT 220uF 20% 16V
C6	1-126-934-11	s	ELECT 220uF 20% 16V
C7	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C8	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C9	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C10	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C11	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C12	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C13	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C14	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C15	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C16	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C17	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C18	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C19	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C20	1-104-665-11	s	ELECT 100uF 20% 25V
C21	1-104-665-11	s	ELECT 100uF 20% 25V
C22	1-104-665-11	s	ELECT 100uF 20% 25V
C23	1-104-665-11	s	ELECT 100uF 20% 25V
C24	1-104-665-11	s	ELECT 100uF 20% 25V
C25	1-126-933-11	s	ELECT 100uF 20% 16V
C26	1-126-933-11	s	ELECT 100uF 20% 16V
C27	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C28	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C29	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C30	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C31	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C32	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C100	1-104-664-11	s	ELECT 47uF 20% 25V
C101	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C102	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C103	1-126-964-11	s	ELECT 10uF 20% 50V
C104	1-126-960-11	s	ELECT 1uF 20% 50V
C105	1-104-664-11	s	ELECT 47uF 20% 25V
C106	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C107	1-164-489-11	s	CERAMIC, CHIP 0.22uF 10% 16V
C108	1-126-964-11	s	ELECT 10uF 20% 50V
C109	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C110	1-126-964-11	s	ELECT 10uF 20% 50V
C111	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C112	1-126-964-11	s	ELECT 10uF 20% 50V
C113	1-126-964-11	s	ELECT 10uF 20% 50V
C114	1-104-664-11	s	ELECT 47uF 20% 25V
C115	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C116	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C117	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C118	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C119	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C120	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C121	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C122	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C123	1-104-665-11	s	ELECT 100uF 20% 25V
C124	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C125	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C126	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C127	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C128	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C129	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C130	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C131	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C132	1-130-489-00	s	MYLAR 0.033uF 5% 50V
C133	1-104-664-11	s	ELECT 47uF 20% 25V
C134	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C135	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C136	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C137	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C138	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C139	1-104-664-11	s	ELECT 47uF 20% 25V
C140	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C141	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C142	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C143	1-104-664-11	s	ELECT 47uF 20% 25V
C144	1-104-664-11	s	ELECT 47uF 20% 25V
C145	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C146	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C147	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C148	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C149	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C150	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C151	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C153	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C154	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C155	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C156	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C157	1-131-347-00	s	TANTALUM 1uF 10% 35V
C158	1-131-375-00	s	TANTALUM 4.7uF 10% 10V
C159	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C160	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C161	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C162	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C164	1-163-104-00	s	CERAMIC, CHIP 30pF 5% 50V
C165	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C166	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C167	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C168	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C169	1-163-263-11	s	CERAMIC, CHIP 330pF 5% 50V
C170	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C171	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C172	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C173	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V
C174	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V
C175	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C176	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C177	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C178	1-104-664-11	s	ELECT 47uF 20% 25V
C179	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C180	1-104-664-11	s	ELECT 47uF 20% 25V
C181	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C182	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C183	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V

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Ref. No. or Q'ty	Part No.	SP	Description
C184	1-126-960-11	s	ELECT 1uF 20% 50V
C185	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C186	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C187	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C188	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C189	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C190	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C191	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C192	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C193	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C194	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C195	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C196	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C197	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C198	1-104-665-11	s	ELECT 100uF 20% 25V
C199	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C201	1-126-934-11	s	ELECT 220uF 20% 16V
C202	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C203	1-104-665-11	s	ELECT 100uF 20% 25V
C204	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C205	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C206	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C207	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C208	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C209	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C210	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C211	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C212	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C213	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C214	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C215	1-126-934-11	s	ELECT 220uF 20% 16V
C216	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C217	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C218	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C219	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C220	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C221	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C222	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C223	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C224	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C225	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C226	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C228	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C300	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C301	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C302	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C303	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C304	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C305	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C306	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C307	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C308	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C309	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C310	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C311	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C312	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C313	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C314	1-163-237-11	s	CERAMIC, CHIP 27pF 5% 50V
C315	1-163-237-11	s	CERAMIC, CHIP 27pF 5% 50V

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Ref. No. or Q'ty	Part No.	SP	Description
C316	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C317	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C318	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C319	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C320	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C321	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C322	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C323	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C324	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C325	1-126-964-11	s	ELECT 10uF 20% 50V
C326	1-126-964-11	s	ELECT 10uF 20% 50V
C327	1-163-237-11	s	CERAMIC, CHIP 27pF 5% 50V
C330	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C331	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C332	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C333	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C334	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C335	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C336	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C337	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C338	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C339	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C340	1-104-665-11	s	ELECT 100uF 20% 25V
C341	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C342	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C343	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C344	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C345	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C346	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C347	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C348	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C349	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C350	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C351	1-104-665-11	s	ELECT 100uF 20% 25V
C352	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C353	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C354	1-104-665-11	s	ELECT 100uF 20% 25V
C355	1-163-231-11	s	CERAMIC, CHIP 15pF 5% 50V
C356	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C357	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C358	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C359	1-104-665-11	s	ELECT 100uF 20% 25V
C360	1-104-665-11	s	ELECT 100uF 20% 25V
C362	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C363	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C364	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C365	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C366	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C367	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C368	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C369	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C370	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C371	1-104-664-11	s	ELECT 47uF 20% 25V
C372	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C373	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C374	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C375	1-126-934-11	s	ELECT 220uF 20% 16V
C376	1-126-934-11	s	ELECT 220uF 20% 16V
C377	1-126-934-11	s	ELECT 220uF 20% 16V

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Ref. No. or Q'ty	Part No.	SP	Description
C400	1-104-665-11	s	ELECT 100uF 20% 25V
C401	1-104-665-11	s	ELECT 100uF 20% 25V
C402	1-104-665-11	s	ELECT 100uF 20% 25V
C403	1-104-665-11	s	ELECT 100uF 20% 25V
C404	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C405	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C406	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C407	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C408	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C409	1-131-353-00	s	TANTALUM 10uF 10% 35V
C410	1-131-353-00	s	TANTALUM 10uF 10% 35V
C411	1-104-665-11	s	ELECT 100uF 20% 25V
C412	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C413	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C414	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C415	1-130-491-00	s	MYLAR 0.047uF 5% 50V
C416	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C417	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C418	1-163-231-11	s	CERAMIC, CHIP 15pF 5% 50V
C419	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C420	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C421	1-163-229-11	s	CERAMIC, CHIP12pF 5% 50V
C422	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C423	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C424	1-104-665-11	s	ELECT 100uF 20% 25V
C425	1-126-933-11	s	ELECT 100uF 20% 16V
C426	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C427	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C428	1-104-665-11	s	ELECT 100uF 20% 25V
C429	1-163-222-11	s	CERAMIC 5pF 0.25pF 50V
C430	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C431	1-131-353-00	s	TANTALUM 10uF 10% 35V
C432	1-104-665-11	s	ELECT 100uF 20% 25V
C433	1-131-353-00	s	TANTALUM 10uF 10% 35V
C434	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C435	1-130-491-00	s	MYLAR 0.047uF 5% 50V
C436	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C437	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C438	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C439	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C440	1-163-237-11	s	CERAMIC, CHIP 27pF 5% 50V
C441	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C442	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C443	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C444	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C445	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C446	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C447	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C448	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C449	1-104-665-11	s	ELECT 100uF 20% 25V
C450	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C451	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C452	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C453	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C454	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C455	1-104-665-11	s	ELECT 100uF 20% 25V
C456	1-126-933-11	s	ELECT 100uF 20% 16V
C457	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C458	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V

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Ref. No. or Q'ty	Part No.	SP	Description
C459	1-163-222-11	s	CERAMIC 5pF 0.25pF 50V
C460	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C461	1-163-237-11	s	CERAMIC, CHIP 27pF 5% 50V
C462	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C500	1-104-665-11	s	ELECT 100uF 20% 25V
C501	1-104-665-11	s	ELECT 100uF 20% 25V
C502	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C503	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C504	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C505	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C506	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C507	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C508	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C509	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C510	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C511	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C514	1-104-665-11	s	ELECT 100uF 20% 25V
C515	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C516	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C517	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C518	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C519	1-163-231-11	s	CERAMIC, CHIP 15pF 5% 50V
C520	1-131-347-00	s	TANTALUM 1uF 10% 35V
C521	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C522	1-131-347-00	s	TANTALUM 1uF 10% 35V
C523	1-131-347-00	s	TANTALUM 1uF 10% 35V
C524	1-131-347-00	s	TANTALUM 1uF 10% 35V
C525	1-104-665-11	s	ELECT 100uF 20% 25V
C526	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C527	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C528	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C529	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C530	1-130-491-00	s	MYLAR 0.047uF 5% 50V
C531	1-130-491-00	s	MYLAR 0.047uF 5% 50V
C532	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C533	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C534	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C535	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C536	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C537	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C538	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C539	1-126-933-11	s	ELECT 100uF 20% 16V
C540	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C541	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C542	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C543	1-104-665-11	s	ELECT 100uF 20% 25V
C544	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C545	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C546	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C547	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C548	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C549	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C550	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C551	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C552	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C553	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C554	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C555	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C556	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C557	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C558	1-163-087-00	s	CERAMIC, CHIP 4pF 50V
C559	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C560	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C561	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C562	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C563	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C600	1-126-933-11	s	ELECT 100uF 20% 16V
C601	1-104-665-11	s	ELECT 100uF 20% 25V
C602	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C603	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C604	1-163-231-11	s	CERAMIC, CHIP 15pF 5% 50V
C605	1-163-231-11	s	CERAMIC, CHIP 15pF 5% 50V
C606	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C607	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C608	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C609	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C610	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C611	1-163-237-11	s	CERAMIC, CHIP 27pF 5% 50V
C612	1-163-237-11	s	CERAMIC, CHIP 27pF 5% 50V
C613	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C614	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C615	1-104-665-11	s	ELECT 100uF 20% 25V
C616	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C617	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C618	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C619	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C620	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1100	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1101	1-104-665-11	s	ELECT 100uF 20% 25V
C1102	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1103	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1104	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1105	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1106	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1107	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1108	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1109	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1110	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C1111	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1112	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1113	1-163-231-11	s	CERAMIC, CHIP 15pF 5% 50V
C1114	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C1115	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1116	1-131-349-00	s	TANTALUM 2.2uF 10% 35V
C1117	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C1118	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C1119	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1120	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1121	1-104-665-11	s	ELECT 100uF 20% 25V
C1122	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C1123	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1124	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1125	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1126	1-104-665-11	s	ELECT 100uF 20% 25V
C1127	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1128	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1129	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C1130	1-126-934-11	s	ELECT 220uF 20% 16V

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Ref. No. or Q'ty	Part No.	SP	Description
C1131	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C1132	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C1133	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C1134	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C1135	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
CV100	1-141-443-11	s	CAP, TRIMMER CERAMIC 30pF
CV101	1-141-443-11	s	CAP, TRIMMER CERAMIC 30pF
CV102	1-141-442-91	s	CAP, TRIMMER CERAMIC 20pF
D1	8-719-941-04	s	DIODE SB007-03CP
D2	8-719-941-04	s	DIODE SB007-03CP
D3	8-719-941-04	s	DIODE SB007-03CP
D4	8-719-941-04	s	DIODE SB007-03CP
D5	8-719-941-04	s	DIODE SB007-03CP
D6	8-719-941-04	s	DIODE SB007-03CP
D7	8-719-941-04	s	DIODE SB007-03CP
D100	8-719-024-81	s	DIODE 1SS300-TE85L
D101	8-719-002-81	s	DIODE 1T363
D102	8-719-002-81	s	DIODE 1T363
D103	8-719-002-81	s	DIODE 1T363
D300	8-719-041-39	s	DIODE KV1470
D301	8-719-041-39	s	DIODE KV1470
D302	8-719-041-39	s	DIODE KV1470
D303	8-719-941-23	s	DIODE DA204U
D400	8-719-024-81	s	DIODE 1SS300-TE85L
D401	8-719-976-99	s	DIODE DTZ5.1B
D402	8-719-024-81	s	DIODE 1SS300-TE85L
D500	8-719-989-08	s	DIODE RB717F
E100	1-535-881-21	o	TERMINAL, TP
E101	1-535-881-21	o	TERMINAL, TP
E200	1-535-881-21	o	TERMINAL, TP
E300	1-535-881-21	o	TERMINAL, TP
E301	1-535-881-21	o	TERMINAL, TP
E400	1-535-881-21	o	TERMINAL, TP
E500	1-535-881-21	o	TERMINAL, TP
FL100	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
FL101	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
FL300	1-233-614-11	s	FILTER, LOW-PASS
FL301	1-233-599-11	s	FILTER, LOW PASS
FL302	1-233-599-11	s	FILTER, LOW PASS
FL500	1-239-771-11	s	FILTER, LOW-PASS
IC1	8-759-168-20	s	IC TA78L09S
IC2	8-759-168-20	s	IC TA78L09S
IC3	8-759-182-84	s	IC PQ05SZ5U
IC4	8-759-182-84	s	IC PQ05SZ5U
IC5	8-759-182-84	s	IC PQ05SZ5U
IC6	8-759-822-95	s	IC L79M05T-FA
IC7	8-759-822-95	s	IC L79M05T-FA
IC100	8-759-925-74	s	IC SN74HC04ANS
IC101	8-752-052-77	s	IC CXA1450M
IC102	8-752-052-77	s	IC CXA1450M
IC103	8-759-981-48	s	IC TL082M
IC104	8-759-287-54	s	IC TL084CPW-E20
IC105	8-759-009-05	s	IC MC14051BF
IC106	8-752-052-73	s	IC CXA1451M
IC107	8-759-100-96	s	IC UPC4558G2
IC108	8-759-987-27	s	IC LM1881M
IC109	8-759-981-48	s	IC TL082M

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Ref. No. or Q'ty	Part No.	SP	Description
IC110	8-759-009-07	s	IC MC14053BF
IC111	8-759-702-08	s	IC NJM360M
IC112	8-759-100-96	s	IC UPC4558G2
IC113	8-759-980-04	s	IC LM311PS
IC114	8-759-908-15	s	IC TL431CLP
IC115	8-759-009-07	s	IC MC14053BF
IC116	8-759-239-55	s	IC TC74HC123AF
IC117	8-759-459-26	s	IC TC5081BP
IC118	8-759-186-44	s	IC TC74VHC125F
IC119	8-759-031-84	s	IC SC7S04F
IC120	8-759-562-24	o	IC MC68HC05C8FU-SC440923FU
IC121	8-752-335-47	s	IC CXD1216M
IC122	8-759-241-03	s	IC TC74HC191AF
IC123	8-759-271-86	s	IC TC7SH04FU
IC124	8-759-031-84	s	IC SC7S04F
IC125	8-759-271-86	s	IC TC7SH04FU
IC126	8-759-239-55	s	IC TC74HC123AF
IC127	8-759-925-90	s	IC SN74HC74ANS
IC128	8-759-526-00	s	IC CXD8165AQ
IC129	8-759-031-84	s	IC SC7S04F
IC130	8-752-339-46	s	IC CXD1177Q
IC131	8-759-196-97	s	IC TC7SH32FU-TE85R
IC132	8-759-287-54	s	IC TL084CPW-E20
IC133	8-759-524-50	s	IC TC74VHC541FT(EL)
IC134	8-759-524-50	s	IC TC74VHC541FT(EL)
IC135	8-752-374-89	s	IC CXD2192Q-T4
IC136	8-759-927-46	s	IC SN74HC00ANS
IC137	8-759-196-97	s	IC TC7SH32FU-TE85R
IC138	8-759-196-97	s	IC TC7SH32FU-TE85R
IC200	8-759-524-28	s	IC TC74VHC245FT(EL)
IC201	8-759-524-28	s	IC TC74VHC245FT(EL)
IC202	8-759-327-31	s	IC CXD2183R
IC203	8-759-457-61	s	IC CXD8628BR
IC204	8-759-524-28	s	IC TC74VHC245FT(EL)
IC205	8-759-491-47	s	IC TC74VHCT08AFT(EL)
IC206	8-759-271-86	s	IC TC7SH04FU
IC250	8-759-524-52	s	IC TC74VHC574FT(EL)
IC251	8-759-524-52	s	IC TC74VHC574FT(EL)
IC252	8-759-271-86	s	IC TC7SH04FU
IC254	8-759-524-52	s	IC TC74VHC574FT(EL)
IC300	8-759-100-96	s	IC UPC4558G2
IC301	8-759-100-96	s	IC UPC4558G2
IC303	8-759-100-96	s	IC UPC4558G2
IC306	8-759-100-96	s	IC UPC4558G2
IC307	8-759-100-96	s	IC UPC4558G2
IC308	8-759-100-96	s	IC UPC4558G2
IC309	8-752-363-60	s	IC CXD2307R-T4
IC310	8-752-052-77	s	IC CXA1450M
IC312	8-759-198-63	s	IC S-81230SG-QB-T1
IC400	8-759-082-59	s	IC TC7W32FU
IC401	8-759-287-54	s	IC TL084CPW-E20
IC402	8-759-009-07	s	IC MC14053BF
IC403	8-759-981-48	s	IC TL082M
IC404	8-752-052-73	s	IC CXA1451M
IC405	8-752-052-73	s	IC CXA1451M
IC406	8-752-052-73	s	IC CXA1451M
IC407	8-759-262-00	s	IC MC14576CF
IC408	8-759-082-61	s	IC TC4W53FU
IC500	8-759-907-81	s	IC SN74LS221NS

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Ref. No. or Q'ty	Part No.	SP	Description
IC501	8-759-287-54	s	IC TL084CPW-E20
IC502	8-759-009-07	s	IC MC14053BF
IC503	8-759-981-48	s	IC TL082M
IC504	8-752-054-80	s	IC CXA1521M
IC505	8-752-054-80	s	IC CXA1521M
IC506	8-759-906-59	s	IC CX22017
IC600	8-752-052-73	s	IC CXA1451M
IC601	8-752-052-73	s	IC CXA1451M
L1	1-412-533-21	s	INDUCTOR 47uH
L2	1-412-533-21	s	INDUCTOR 47uH
L3	1-412-533-21	s	INDUCTOR 47uH
L4	1-412-533-21	s	INDUCTOR 47uH
L5	1-412-533-21	s	INDUCTOR 47uH
L6	1-412-533-21	s	INDUCTOR 47uH
L100	1-408-614-31	s	INDUCTOR 82uH
L101	1-410-482-31	s	INDUCTOR 100uH
L102	1-410-482-31	s	INDUCTOR 100uH
L103	1-408-613-31	s	INDUCTOR 68uH
L104	1-410-478-11	s	INDUCTOR 47uH
L105	1-410-478-11	s	INDUCTOR 47uH
L106	1-410-478-11	s	INDUCTOR 47uH
L107	1-410-478-11	s	INDUCTOR 47uH
L108	1-410-478-11	s	INDUCTOR 47uH
L109	1-410-482-31	s	INDUCTOR 100uH
L110	1-410-482-31	s	INDUCTOR 100uH
L111	1-410-478-11	s	INDUCTOR 47uH
L112	1-410-478-11	s	INDUCTOR 47uH
L200	1-410-478-11	s	INDUCTOR 47uH
L201	1-410-478-11	s	INDUCTOR 47uH
L202	1-410-478-11	s	INDUCTOR 47uH
L300	1-408-607-31	s	INDUCTOR 22uH
L301	1-408-607-31	s	INDUCTOR 22uH
L302	1-410-482-31	s	INDUCTOR 100uH
L303	1-410-482-31	s	INDUCTOR 100uH
L304	1-410-482-31	s	INDUCTOR 100uH
L305	1-410-482-31	s	INDUCTOR 100uH
L306	1-410-482-31	s	INDUCTOR 100uH
L307	1-410-478-11	s	INDUCTOR 47uH
L308	1-410-478-11	s	INDUCTOR 47uH
L309	1-410-478-11	s	INDUCTOR 47uH
L400	1-410-482-31	s	INDUCTOR 100uH
L401	1-410-482-31	s	INDUCTOR 100uH
L402	1-410-482-31	s	INDUCTOR 100uH
L403	1-410-482-31	s	INDUCTOR 100uH
L404	1-410-482-31	s	INDUCTOR 100uH
L405	1-410-482-31	s	INDUCTOR 100uH
L406	1-410-478-11	s	INDUCTOR 47uH
L407	1-410-476-11	s	INDUCTOR 33uH
L408	1-410-482-31	s	INDUCTOR 100uH
L409	1-410-482-31	s	INDUCTOR 100uH
L410	1-410-478-11	s	INDUCTOR 47uH
L500	1-410-482-31	s	INDUCTOR 100uH
L501	1-410-482-31	s	INDUCTOR 100uH
L502	1-410-482-31	s	INDUCTOR 100uH
L503	1-410-482-31	s	INDUCTOR 100uH
L504	1-410-482-31	s	INDUCTOR 100uH
L505	1-410-482-31	s	INDUCTOR 100uH
L506	1-410-482-31	s	INDUCTOR 100uH

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Ref. No. or Q'ty	Part No.	SP	Description
L507	1-408-608-31	s	INDUCTOR 27uH
L508	1-408-608-31	s	INDUCTOR 27uH
L509	1-408-608-31	s	INDUCTOR 27uH
L510	1-408-608-31	s	INDUCTOR 27uH
L511	1-408-607-31	s	INDUCTOR 22uH
L512	1-408-607-31	s	INDUCTOR 22uH
L600	1-410-482-31	s	INDUCTOR 100uH
L601	1-410-476-11	s	INDUCTOR 33uH
L602	1-410-476-11	s	INDUCTOR 33uH
L603	1-410-482-31	s	INDUCTOR 100uH
L604	1-410-482-31	s	INDUCTOR 100uH
PS1	⚠ 1-532-984-11	s	LINK, IC 2A
PS2	⚠ 1-532-984-11	s	LINK, IC 2A
PS3	⚠ 1-532-984-11	s	LINK, IC 2A
PS4	⚠ 1-532-984-11	s	LINK, IC 2A
PS5	⚠ 1-532-984-11	s	LINK, IC 2A
PS6	⚠ 1-532-984-11	s	LINK, IC 2A
Q100	8-729-117-32	s	TRANSISTOR 2SC4177
Q101	8-729-117-32	s	TRANSISTOR 2SC4177
Q102	8-729-117-32	s	TRANSISTOR 2SC4177
Q103	8-729-117-32	s	TRANSISTOR 2SC4177
Q104	8-729-117-32	s	TRANSISTOR 2SC4177
Q105	8-729-117-32	s	TRANSISTOR 2SC4177
Q106	8-729-904-41	s	TRANSISTOR FMY3
Q107	8-729-117-32	s	TRANSISTOR 2SC4177
Q108	8-729-117-32	s	TRANSISTOR 2SC4177
Q109	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q110	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q111	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q112	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q113	8-729-117-32	s	TRANSISTOR 2SC4177
Q114	8-729-117-32	s	TRANSISTOR 2SC4177
Q115	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q116	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q300	8-729-117-32	s	TRANSISTOR 2SC4177
Q301	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q302	8-729-117-32	s	TRANSISTOR 2SC4177
Q303	8-729-117-32	s	TRANSISTOR 2SC4177
Q400	8-729-117-32	s	TRANSISTOR 2SC4177
Q401	8-729-923-06	s	TRANSISTOR FMW-8
Q402	8-729-904-04	s	TRANSISTOR FMS2
Q403	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q404	8-729-903-82	s	TRANSISTOR FMW2
Q405	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q406	8-729-931-46	s	TRANSISTOR FMW7
Q407	8-729-907-26	s	TRANSISTOR IMX1
Q408	8-729-117-32	s	TRANSISTOR 2SC4177
Q409	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q410	8-729-117-32	s	TRANSISTOR 2SC4177
Q411	8-729-117-32	s	TRANSISTOR 2SC4177
Q412	8-729-117-32	s	TRANSISTOR 2SC4177
Q413	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q414	8-729-117-32	s	TRANSISTOR 2SC4177
Q415	8-729-904-41	s	TRANSISTOR FMY3
Q416	8-729-904-41	s	TRANSISTOR FMY3
Q417	8-729-117-32	s	TRANSISTOR 2SC4177
Q500	8-729-117-32	s	TRANSISTOR 2SC4177

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Ref. No. or Q'ty	Part No.	SP	Description
Q501	8-729-117-32	s	TRANSISTOR 2SC4177
Q502	8-729-923-06	s	TRANSISTOR FMW-8
Q503	8-729-923-06	s	TRANSISTOR FMW-8
Q504	8-729-904-04	s	TRANSISTOR FMS2
Q505	8-729-904-04	s	TRANSISTOR FMS2
Q506	8-729-903-82	s	TRANSISTOR FMW2
Q507	8-729-903-82	s	TRANSISTOR FMW2
Q508	8-729-931-46	s	TRANSISTOR FMW7
Q509	8-729-931-46	s	TRANSISTOR FMW7
Q510	8-729-907-26	s	TRANSISTOR IMX1
Q511	8-729-907-26	s	TRANSISTOR IMX1
Q512	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q513	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q514	8-729-117-32	s	TRANSISTOR 2SC4177
Q515	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q516	8-729-117-32	s	TRANSISTOR 2SC4177
Q517	8-729-117-32	s	TRANSISTOR 2SC4177
Q518	8-729-117-32	s	TRANSISTOR 2SC4177
Q519	8-729-117-32	s	TRANSISTOR 2SC4177
Q520	8-729-117-32	s	TRANSISTOR 2SC4177
Q521	8-729-117-32	s	TRANSISTOR 2SC4177
Q522	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q523	8-729-903-82	s	TRANSISTOR FMW2
Q524	8-729-903-82	s	TRANSISTOR FMW2
Q600	8-729-117-32	s	TRANSISTOR 2SC4177
Q601	8-729-117-32	s	TRANSISTOR 2SC4177
Q602	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q603	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q604	8-729-117-32	s	TRANSISTOR 2SC4177
Q605	8-729-117-32	s	TRANSISTOR 2SC4177
Q606	8-729-117-32	s	TRANSISTOR 2SC4177
Q607	8-729-117-32	s	TRANSISTOR 2SC4177
Q608	8-729-422-44	s	TRANSISTOR 2SK663
Q609	8-729-422-44	s	TRANSISTOR 2SK663
Q610	8-729-422-44	s	TRANSISTOR 2SK663
Q611	8-729-422-44	s	TRANSISTOR 2SK663
Q612	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q613	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
R100	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R101	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R102	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R103	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R104	1-216-655-11	s	METAL, CHIP 1.5k 0.5% 1/10W
R105	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R106	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R107	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R108	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R109	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R110	1-216-655-11	s	METAL, CHIP 1.5k 0.5% 1/10W
R111	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R112	1-216-051-00	s	METAL, CHIP 1.2k 5% 1/10W
R113	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R114	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R115	1-216-059-00	s	METAL, CHIP 2.7k 5% 1/10W
R116	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R117	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R118	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R119	1-216-025-91	s	METAL, CHIP 100 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R120	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R121	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R122	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R123	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R124	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R125	1-208-822-11	s	CHIP, METAL 47k 0.5% 1/10W
R126	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R127	1-208-800-11	s	METAL, CHIP 5.6k 0.5% 1/10
R128	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R129	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R130	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R131	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R132	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R133	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R134	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R135	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R136	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R137	1-208-796-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R139	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R140	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R141	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R143	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R144	1-216-655-11	s	METAL, CHIP 1.5k 0.5% 1/10W
R145	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R146	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R147	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R148	1-216-655-11	s	METAL, CHIP 1.5k 0.5% 1/10W
R149	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R150	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R151	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R153	1-216-059-00	s	METAL, CHIP 2.7k 5% 1/10W
R154	1-216-059-00	s	METAL, CHIP 2.7k 5% 1/10W
R155	1-216-047-91	s	METAL, CHIP 820 5% 1/10W
R156	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R157	1-208-755-11	s	METAL, CHIP 75 0.5% 1/10W
R158	1-216-059-00	s	METAL, CHIP 2.7k 5% 1/10W
R159	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R160	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R161	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R162	1-216-069-00	s	METAL, CHIP 6.8k 5% 1/10W
R163	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R164	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R165	1-216-117-00	s	METAL, CHIP 680k 5% 1/10W
R167	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R168	1-208-800-11	s	METAL, CHIP 5.6k 0.5% 1/10
R169	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R170	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R171	1-208-822-11	s	CHIP, METAL 47k 0.5% 1/10W
R172	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R173	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R174	1-216-093-91	s	METAL, CHIP 68k 5% 1/10W
R175	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R176	1-208-797-11	s	METAL, CHIP 4.3k 0.5% 1/10W
R177	1-216-061-00	s	METAL, CHIP 3.3k 5% 1/10W
R178	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R179	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R180	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R181	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R182	1-208-802-11	s	METAL, CHIP 6.8k 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R183	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R184	1-208-818-11	s	METAL, CHIP 33k 0.5% 1/10W
R185	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R186	1-208-822-11	s	CHIP, METAL 47k 0.5% 1/10W
R187	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R188	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R189	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R190	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R191	1-208-818-11	s	METAL, CHIP 33k 0.5% 1/10W
R194	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R196	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R198	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R199	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R200	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R201	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R203	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R206	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R208	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R210	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R211	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R212	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R214	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R215	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R216	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R217	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R218	1-216-013-00	s	METAL, CHIP 33 5% 1/10W
R300	1-208-803-11	s	METAL, CHIP 7.5k 0.5% 1/10W
R301	1-208-796-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R302	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R303	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R304	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R305	1-208-783-11	s	METAL, CHIP 1.1k 0.5% 1/10W
R306	1-208-799-11	s	METAL, CHIP 5.1k 0.5% 1/10W
R308	1-208-799-11	s	METAL, CHIP 5.1k 0.5% 1/10W
R310	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R311	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R312	1-216-051-00	s	METAL, CHIP 1.2k 5% 1/10W
R313	1-216-051-00	s	METAL, CHIP 1.2k 5% 1/10W
R314	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R315	1-216-063-91	s	METAL, CHIP 3.9k 5% 1/10W
R316	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R317	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R318	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R319	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R320	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R321	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R322	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R323	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R324	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R325	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R326	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R327	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R328	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R329	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R330	1-216-053-00	s	METAL, CHIP 1.5k 5% 1/10W
R331	1-216-053-00	s	METAL, CHIP 1.5k 5% 1/10W
R332	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R333	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R334	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R335	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R336	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R337	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R338	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R345	1-208-809-11	s	METAL, CHIP 13k 0.5% 1/10W
R346	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R347	1-208-809-11	s	METAL, CHIP 13k 0.5% 1/10W
R348	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R349	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R350	1-208-792-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R351	1-208-792-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R352	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R353	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R354	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R355	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R356	1-208-809-11	s	METAL, CHIP 13k 0.5% 1/10W
R357	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R358	1-208-802-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R359	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R360	1-208-802-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R361	1-208-804-11	s	METAL, CHIP 8.2k 0.5% 1/10W
R362	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R363	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R364	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R365	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R366	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R367	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R368	1-208-792-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R369	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R370	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R371	1-208-796-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R372	1-208-796-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R373	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R374	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R375	1-208-794-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R376	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R377	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R378	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R379	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R380	1-208-776-11	s	METAL, CHIP 560 0.5% 1/10W
R381	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R382	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R383	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R384	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R385	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R386	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R387	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R388	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R389	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R390	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R391	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R392	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R400	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R401	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R402	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R403	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R404	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R405	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R406	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R407	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R408	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R409	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R410	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R411	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R412	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R413	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R414	1-216-077-00	s	METAL, CHIP 15k 5% 1/10W
R415	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R416	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R417	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R418	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R419	1-216-027-00	s	METAL, CHIP 120 5% 1/10W
R420	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R421	1-208-778-11	s	METAL, CHIP 680 0.5% 1/10W
R422	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R423	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R424	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R425	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R426	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R427	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R428	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R429	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R430	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R431	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R432	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R433	1-208-784-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R434	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R435	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R436	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R437	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R438	1-216-053-00	s	METAL, CHIP 1.5k 5% 1/10W
R439	1-216-113-00	s	METAL, CHIP 470k 5% 1/10W
R440	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R441	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R442	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R443	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R444	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R445	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R446	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R447	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R448	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R449	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R450	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R451	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R452	1-208-765-11	s	METAL, CHIP 200 0.5% 1/10W
R453	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R454	1-216-655-11	s	METAL, CHIP 1.5k 0.5% 1/10W
R455	1-208-788-11	s	METAL, CHIP 1.8k 0.5% 1/10W
R456	1-216-053-00	s	METAL, CHIP 1.5k 5% 1/10W
R457	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R458	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R459	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R460	1-208-776-11	s	METAL, CHIP 560 0.5% 1/10W
R461	1-208-778-11	s	METAL, CHIP 680 0.5% 1/10W
R462	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R463	1-208-755-11	s	METAL, CHIP 75 0.5% 1/10W
R464	1-208-755-11	s	METAL, CHIP 75 0.5% 1/10W
R465	1-208-755-11	s	METAL, CHIP 75 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R466	1-208-755-11	s	METAL, CHIP 75 0.5% 1/10W
R467	1-208-755-11	s	METAL, CHIP 75 0.5% 1/10W
R468	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R469	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R470	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R471	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R472	1-216-095-00	s	METAL, CHIP 82k 5% 1/10W
R473	1-208-784-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R474	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R475	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R476	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R477	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R478	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R479	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R480	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R500	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R501	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R502	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R503	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R504	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R505	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R506	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R507	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R508	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R509	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R510	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R511	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R512	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R513	1-216-045-00	s	METAL, CHIP 680 5% 1/10W
R514	1-216-077-00	s	METAL, CHIP 15k 5% 1/10W
R515	1-216-077-00	s	METAL, CHIP 15k 5% 1/10W
R516	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R517	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R518	1-216-027-00	s	METAL, CHIP 120 5% 1/10W
R519	1-216-027-00	s	METAL, CHIP 120 5% 1/10W
R520	1-208-813-11	s	METAL, CHIP 20k 0.5% 1/10W
R523	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R524	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R525	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R526	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R527	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R528	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R529	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R530	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R531	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R532	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R533	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R534	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R535	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R536	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R537	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R538	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R539	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R540	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R541	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R542	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R543	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R544	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R545	1-216-025-91	s	METAL, CHIP 100 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R546	1-208-788-11	s	METAL, CHIP 1.8k 0.5% 1/10W
R547	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R548	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R549	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R550	1-216-047-91	s	METAL, CHIP 820 5% 1/10W
R551	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R552	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R553	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R554	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R555	1-216-075-00	s	METAL, CHIP 12k 5% 1/10W
R556	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R557	1-216-079-00	s	METAL, CHIP 18k 5% 1/10W
R558	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R559	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R561	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R562	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R563	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R564	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R565	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R566	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R567	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R568	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R569	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R570	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R571	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R572	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R573	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R574	1-208-778-11	s	METAL, CHIP 680 0.5% 1/10W
R575	1-208-797-11	s	METAL, CHIP 4.3k 0.5% 1/10W
R576	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R577	1-208-792-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R578	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R579	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R580	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R581	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R600	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R601	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R602	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R603	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R604	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R605	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R606	1-208-784-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R607	1-208-784-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R608	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R609	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R610	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R611	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R612	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R613	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R614	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R615	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R616	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R617	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R618	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R619	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R620	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R621	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R622	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R623	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R624	1-208-787-11	s	METAL, CHIP 1.6k 0.5% 1/10W
R625	1-208-787-11	s	METAL, CHIP 1.6k 0.5% 1/10W
R626	1-208-788-11	s	METAL, CHIP 1.8k 0.5% 1/10W
R627	1-208-788-11	s	METAL, CHIP 1.8k 0.5% 1/10W
R628	1-208-755-11	s	METAL, CHIP 75 0.5% 1/10W
R629	1-208-755-11	s	METAL, CHIP 75 0.5% 1/10W
R891	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R892	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R1100	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R1102	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R1103	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R1104	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R1105	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R1106	1-208-789-11	s	METAL, CHIP 2k 0.5% 1/10W
R1107	1-216-051-00	s	METAL, CHIP 1.2k 5% 1/10W
R1108	1-208-789-11	s	METAL, CHIP 2k 0.5% 1/10W
R1109	1-216-051-00	s	METAL, CHIP 1.2k 5% 1/10W
R1110	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R1111	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R1112	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R1113	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R1114	1-216-069-00	s	METAL, CHIP 6.8k 5% 1/10W
R1115	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R1116	1-216-071-00	s	METAL, CHIP 8.2k 5% 1/10W
R1117	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R1118	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R1119	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R1120	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R1121	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R1123	1-216-117-00	s	METAL, CHIP 680k 5% 1/10W
R1124	1-208-775-11	s	METAL, CHIP 510 0.5% 1/10W
R1125	1-208-794-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R1126	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R1127	1-208-796-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R1128	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R1129	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R1130	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R1131	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R1132	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R1133	1-208-750-11	s	METAL, CHIP 47 0.5% 1/10W
R1134	1-208-750-11	s	METAL, CHIP 47 0.5% 1/10W
R1135	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1136	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1139	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R1141	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R1142	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R1143	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R1144	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R1145	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R1146	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R1147	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R1148	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R1149	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R1150	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R1151	1-208-812-11	s	METAL, CHIP 18k 0.5% 1/10W
R1152	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R1153	1-208-817-11	s	METAL, CHIP 30k 0.5% 1/10W
R1154	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R1155	1-208-823-11	s	METAL, CHIP 51k 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R1156	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1158	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1159	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1160	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R1162	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R1163	1-216-105-91	s	METAL, CHIP 220k 5% 1/10W
R1164	1-216-059-00	s	METAL, CHIP 2.7k 5% 1/10W
R1165	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R1166	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R1167	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R1169	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1171	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1172	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1173	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1175	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R1177	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1179	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R1180	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R1182	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
RB100	1-233-237-11	s	RESISTOR BLOCK, CHIP 100k x 4
RB101	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB102	1-239-999-11	s	RESISTOR BLOCK, CHIP 1k x 4
RB204	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB206	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB211	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB212	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB213	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB500	1-233-234-11	s	RESISTOR BLOCK, CHIP 2.2k x 4
RB891	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB892	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB893	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB894	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RV100	1-241-263-11	s	RES, ADJ, METAL 5k
RV101	1-237-034-11	s	RES, ADJ, METAL 2k
RV102	1-237-033-11	s	RES, ADJ, METAL 1k
RV103	1-241-264-11	s	RES, ADJ, METAL 10k
RV104	1-241-265-11	s	RES, ADJ, METAL 20k
RV105	1-241-264-11	s	RES, ADJ, METAL 10k
RV106	1-241-263-11	s	RES, ADJ, METAL 5k
RV200	1-237-032-11	s	RES, ADJ, METAL 500
RV201	1-241-258-11	s	RES, ADJ, METAL 100
RV300	1-241-263-11	s	RES, ADJ, METAL 5k
RV301	1-241-263-11	s	RES, ADJ, METAL 5k
RV302	1-241-262-11	s	RES, ADJ, METAL 2k
RV400	1-237-032-11	s	RES, ADJ, METAL 500
RV401	1-237-030-11	s	RES, ADJ, METAL 100
RV402	1-237-033-11	s	RES, ADJ, METAL 1k
RV403	1-241-266-11	s	RES, ADJ, METAL 50k
RV404	1-241-266-11	s	RES, ADJ, METAL 50k
RV405	1-241-263-11	s	RES, ADJ, METAL 5k
RV406	1-241-263-11	s	RES, ADJ, METAL 5k
RV407	1-241-262-11	s	RES, ADJ, METAL 2k
RV500	1-241-263-11	s	RES, ADJ, METAL 5k
RV501	1-241-263-11	s	RES, ADJ, METAL 5k
RV502	1-241-264-11	s	RES, ADJ, METAL 10k
RV504	1-237-033-11	s	RES, ADJ, METAL 1k
RV505	1-241-262-11	s	RES, ADJ, METAL 2k
RV506	1-241-262-11	s	RES, ADJ, METAL 2k

(DEN-5P BOARD(DSR-85P))

Ref. No. or Q'ty	Part No.	SP	Description
S200	1-572-855-11	s	SWITCH, SLIDE
TH100	1-807-972-11	s	THERMISTOR 1.25k
TH500	1-807-972-11	s	THERMISTOR 1.25k
X100	1-760-457-11	s	VIBRATOR, CRYSTAL (VCO)
X101	1-767-262-11	s	CRYSTAL 27.00MHz
X102	1-760-457-11	s	VIBRATOR, CRYSTAL (VCO)
X300	1-767-260-11	s	CRYSTAL 13.50MHz
X301	1-767-260-11	s	CRYSTAL 13.50MHz
X302	1-767-260-11	s	CRYSTAL 13.50MHz

DV-16 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8277-874-A	s	MOUNTED CIRCUIT BOARD, DV-16
1pc	7-621-759-45	s	+PSW, 2.6x6
1pc	3-179-084-01	s	LEVER (R), PRINTED CIRCUIT BOARD
1pc	3-179-085-01	s	LEVER (L), PRINTED CIRCUIT BOARD
C113	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C114	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C115	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C116	1-104-664-11	s	ELECT 47uF 20% 25V
C117	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C118	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C119	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C120	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C121	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C122	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C123	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C124	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C125	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C126	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C127	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C128	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C129	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C130	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C131	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C132	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C133	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C134	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C135	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C136	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C137	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C138	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C139	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C140	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C141	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C142	1-104-664-11	s	ELECT 47uF 20% 25V
C143	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C144	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C145	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C146	1-104-664-11	s	ELECT 47uF 20% 25V
C147	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C148	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C149	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C150	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C151	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C152	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C153	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C201	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C202	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C203	1-104-664-11	s	ELECT 47uF 20% 25V
C204	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C205	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C206	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C207	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C208	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C209	1-126-959-11	s	ELECT 0.47uF 20% 50V
C210	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C211	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C212	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C213	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C214	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C215	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C216	1-104-664-11	s	ELECT 47uF 20% 25V
C217	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C218	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C219	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C220	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C221	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C222	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C223	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C224	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C225	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C226	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C227	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C228	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C229	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C230	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C231	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C232	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C233	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C234	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C235	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C236	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C301	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C302	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C303	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C304	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C305	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C306	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C307	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C308	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C309	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C310	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C311	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C312	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C313	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C314	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C315	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C316	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C317	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C318	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C319	1-104-664-11	s	ELECT 47uF 20% 25V
C320	1-104-664-11	s	ELECT 47uF 20% 25V
C321	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C322	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C323	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C325	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C327	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C328	1-104-664-11	s	ELECT 47uF 20% 25V
C329	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C334	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C335	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C339	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C340	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C341	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V
C342	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C343	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C344	1-131-349-00	s	TANTALUM 2.2uF 10% 35V
C345	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C346	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V

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Ref. No. or Q'ty	Part No.	SP	Description
C349	1-104-664-11	s	ELECT 47uF 20% 25V
C372	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C373	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C374	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C375	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C376	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C377	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C401	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C402	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C403	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C404	1-104-664-11	s	ELECT 47uF 20% 25V
C405	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C406	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C407	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C408	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C409	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C410	1-104-664-11	s	ELECT 47uF 20% 25V
C411	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C413	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C414	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C415	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C417	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C418	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C419	1-104-664-11	s	ELECT 47uF 20% 25V
C420	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C501	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C502	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C503	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C504	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C505	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C506	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C507	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C510	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C511	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C515	1-104-664-11	s	ELECT 47uF 20% 25V
C516	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C517	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C518	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C519	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C520	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C521	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C522	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C523	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C524	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C525	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C526	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C527	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C528	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C529	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C530	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C531	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C532	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C533	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C534	1-104-664-11	s	ELECT 47uF 20% 25V
C535	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C536	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C537	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C538	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C539	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C540	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C541	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C544	1-163-241-11	s	CERAMIC, CHIP 39pF 5% 50V
C545	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C546	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C547	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C548	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C549	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C550	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C551	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C552	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C553	1-104-664-11	s	ELECT 47uF 20% 25V
C554	1-104-664-11	s	ELECT 47uF 20% 25V
C555	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C556	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C557	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C558	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C559	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C560	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C561	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C562	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C601	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C602	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C603	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C604	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C605	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C606	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C607	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C608	1-104-664-11	s	ELECT 47uF 20% 25V
C609	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C610	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C611	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C612	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C613	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C614	1-104-664-11	s	ELECT 47uF 20% 25V
C615	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C616	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C617	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C618	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C619	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C620	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C621	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C622	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C623	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C624	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C625	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C626	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C627	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C628	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C629	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C701	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C702	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C703	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C704	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C705	1-104-664-11	s	ELECT 47uF 20% 25V
C706	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C707	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C708	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C709	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C710	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C711	1-104-664-11	s	ELECT 47uF 20% 25V
C712	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C714	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C715	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C716	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C718	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C719	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C720	1-104-664-11	s	ELECT 47uF 20% 25V
C721	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C901	1-126-934-11	s	ELECT 220uF 20% 16V
C902	1-126-934-11	s	ELECT 220uF 20% 16V
C903	1-126-934-11	s	ELECT 220uF 20% 16V
C904	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C905	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C906	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
CN111	1-778-262-12	o	CONNECTOR, BB 148P, MALE
CN201	1-564-532-11	o	CONNECTOR, PS 16P,MALE
CP302	1-117-211-11	s	CERAMIC, CHIP 470pF 10% 50V
CT301	1-141-322-11	s	CAP, VAR TRIMMER CHIP
CT501	1-141-322-11	s	CAP, VAR TRIMMER CHIP
D201	8-719-027-95	s	DIODE HSM88WK
D202	8-719-041-39	s	DIODE KV1470
D203	8-719-404-35	s	DIODE MA141WK
D301	8-719-041-39	s	DIODE KV1470
D302	8-719-027-95	s	DIODE HSM88WK
D303	8-719-404-35	s	DIODE MA141WK
E301	1-535-881-21	o	TERMINAL, TP
E501	1-535-881-21	o	TERMINAL, TP
FL201	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
FL202	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
FL203	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
FL301	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
FL302	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
FL401	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
FL402	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
FL403	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
FL601	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
IC101	8-759-186-77	s	IC TC74VHC541F
IC102	8-759-186-44	s	IC TC74VHC125F
IC103	8-759-186-44	s	IC TC74VHC125F
IC104	8-759-186-44	s	IC TC74VHC125F
IC105	8-759-186-44	s	IC TC74VHC125F
IC106	8-759-271-86	s	IC TC7SH04FU
IC109	8-759-186-77	s	IC TC74VHC541F
IC118	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC119	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC120	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC121	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC122	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC123	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC124	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC125	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC126	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC127	8-759-297-80	s	IC MSM514222B-30GS-KR1

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Ref. No. or Q'ty	Part No.	SP	Description
IC128	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC129	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC130	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC131	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC132	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC133	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC134	8-759-523-95	s	IC TC74VHC74FT(EL)
IC201	8-759-392-01	s	IC TC7SH86FU-TE85R
IC202	8-759-081-44	s	IC TC74VHC04F
IC203	8-752-379-36	s	IC CXD2189AR
IC204	8-759-337-30	s	IC UPD482445LGW-B10-E2
IC205	8-759-385-90	s	IC CXD2187AR
IC206	8-759-186-63	s	IC TC74VHC245F(EL)
IC207	8-759-186-63	s	IC TC74VHC245F(EL)
IC208	8-759-186-63	s	IC TC74VHC245F(EL)
IC209	8-759-186-63	s	IC TC74VHC245F(EL)
IC210	8-759-186-63	s	IC TC74VHC245F(EL)
IC211	8-752-379-36	s	IC CXD2189AR
IC212	8-752-379-36	s	IC CXD2189AR
IC213	8-752-379-36	s	IC CXD2189AR
IC301	8-759-175-27	s	IC TC74VHC574F
IC302	8-759-175-27	s	IC TC74VHC574F
IC303	8-759-175-27	s	IC TC74VHC574F
IC304	8-759-175-27	s	IC TC74VHC574F
IC305	8-759-167-20	s	IC UPD42280GU-30
IC306	8-759-167-20	s	IC UPD42280GU-30
IC307	8-759-186-77	s	IC TC74VHC541F
IC308	8-759-196-97	s	IC TC7SH32FU-TE85R
IC309	8-759-447-98	s	IC CXD8627AR
IC310	8-759-167-20	s	IC UPD42280GU-30
IC311	8-759-167-20	s	IC UPD42280GU-30
IC312	8-759-186-77	s	IC TC74VHC541F
IC313	8-759-186-77	s	IC TC74VHC541F
IC314	8-759-167-20	s	IC UPD42280GU-30
IC315	8-759-167-20	s	IC UPD42280GU-30
IC316	8-759-186-77	s	IC TC74VHC541F
IC317	8-759-186-77	s	IC TC74VHC541F
IC318	8-759-186-77	s	IC TC74VHC541F
IC319	8-759-186-77	s	IC TC74VHC541F
IC320	8-752-375-05	s	IC CXD2191R-T6
IC321	8-759-523-95	s	IC TC74VHC74FT(EL)
IC323	8-759-186-63	s	IC TC74VHC245F(EL)
IC324	8-759-186-63	s	IC TC74VHC245F(EL)
IC401	8-759-186-63	s	IC TC74VHC245F(EL)
IC402	8-759-186-63	s	IC TC74VHC245F(EL)
IC403	8-759-186-63	s	IC TC74VHC245F(EL)
IC404	8-759-328-28	s	IC ZA4024
IC405	8-752-378-68	s	IC CXD3101R
IC406	8-759-328-28	s	IC ZA4024
IC407	8-759-426-26	s	IC CXD8608R
IC515	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC516	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC517	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC518	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC519	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC520	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC521	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC522	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC523	8-759-297-80	s	IC MSM514222B-30GS-KR1

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Ref. No. or Q'ty	Part No.	SP	Description
IC524	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC525	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC526	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC527	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC528	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC529	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC530	8-759-297-80	s	IC MSM514222B-30GS-KR1
IC532	8-759-012-13	s	IC MC10H125M
IC533	8-759-012-13	s	IC MC10H125M
IC534	8-759-196-97	s	IC TC7SH32FU-TE85R
IC535	8-759-271-86	s	IC TC7SH04FU
IC536	8-759-012-02	s	IC MC10H124M
IC537	8-759-012-02	s	IC MC10H124M
IC538	8-759-012-02	s	IC MC10H124M
IC539	8-759-422-52	s	IC MC10H102MEL
IC540	8-759-523-95	s	IC TC74VHC74FT(EL)
IC541	8-759-523-95	s	IC TC74VHC74FT(EL)
IC542	8-759-523-79	s	IC TC74VHC02FT(EL)
IC543	8-759-523-94	s	IC TC74VHC32FT(EL)
IC601	8-759-186-77	s	IC TC74VHC541F
IC602	8-759-186-63	s	IC TC74VHC245F(EL)
IC603	8-759-186-63	s	IC TC74VHC245F(EL)
IC604	8-759-186-63	s	IC TC74VHC245F(EL)
IC605	8-759-186-63	s	IC TC74VHC245F(EL)
IC606	8-759-271-86	s	IC TC7SH04FU
IC607	8-759-337-30	s	IC UPD482445LGW-B10-E2
IC608	8-759-385-90	s	IC CXD2187AR
IC609	8-752-379-36	s	IC CXD2189AR
IC610	8-752-379-36	s	IC CXD2189AR
IC611	8-752-379-36	s	IC CXD2189AR
IC612	8-752-379-36	s	IC CXD2189AR
IC701	8-759-186-63	s	IC TC74VHC245F(EL)
IC702	8-759-186-63	s	IC TC74VHC245F(EL)
IC703	8-759-186-63	s	IC TC74VHC245F(EL)
IC704	8-759-186-63	s	IC TC74VHC245F(EL)
IC705	8-759-328-28	s	IC ZA4024
IC707	8-752-378-68	s	IC CXD3101R
IC708	8-759-328-28	s	IC ZA4024
IC709	8-759-426-26	s	IC CXD8608R
L101	1-410-470-11	s	INDUCTOR 10uH
L102	1-410-470-11	s	INDUCTOR 10uH
L103	1-410-470-11	s	INDUCTOR 10uH
L104	1-410-470-11	s	INDUCTOR 10uH
L201	1-410-470-11	s	INDUCTOR 10uH
L202	1-414-107-51	s	INDUCTOR 0.56uH
L203	1-410-470-11	s	INDUCTOR 10uH
L204	1-410-470-11	s	INDUCTOR 10uH
L205	1-410-470-11	s	INDUCTOR 10uH
L301	1-410-470-11	s	INDUCTOR 10uH
L302	1-410-470-11	s	INDUCTOR 10uH
L303	1-410-478-11	s	INDUCTOR 47uH
L304	1-414-109-61	s	INDUCTOR 0.82uH
L306	1-410-470-11	s	INDUCTOR 10uH
L307	1-410-470-11	s	INDUCTOR 10uH
L401	1-410-470-11	s	INDUCTOR 10uH
L402	1-410-470-11	s	INDUCTOR 10uH
L403	1-410-470-11	s	INDUCTOR 10uH
L501	1-410-470-11	s	INDUCTOR 10uH
L502	1-410-470-11	s	INDUCTOR 10uH

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Ref. No. or Q'ty	Part No.	SP	Description
L503	1-410-470-11	s	INDUCTOR 10uH
L504	1-410-470-11	s	INDUCTOR 10uH
L505	1-410-470-11	s	INDUCTOR 10uH
L506	1-410-733-11	s	INDUCTOR, CHIP 0.22uH
L507	1-410-470-11	s	INDUCTOR 10uH
L508	1-412-170-11	s	INDUCTOR 0.47uH
L601	1-410-470-11	s	INDUCTOR 10uH
L602	1-410-470-11	s	INDUCTOR 10uH
L603	1-410-470-11	s	INDUCTOR 10uH
L701	1-410-470-11	s	INDUCTOR 10uH
L702	1-410-470-11	s	INDUCTOR 10uH
L703	1-410-470-11	s	INDUCTOR 10uH
L901	1-412-533-21	s	INDUCTOR 47uH
L902	1-412-533-21	s	INDUCTOR 47uH
L903	1-412-533-21	s	INDUCTOR 47uH
PS901	⚠ 1-532-686-21	s	LINK, IC 2.7A
PS902	⚠ 1-532-686-21	s	LINK, IC 2.7A
PS903	⚠ 1-532-686-21	s	LINK, IC 2.7A
Q501	8-729-107-31	s	TRANSISTOR 2SC3545-T43
Q502	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
R120	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R121	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R122	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R123	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R124	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R125	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R126	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R127	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R128	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R129	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R130	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R131	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R132	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R134	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R135	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R137	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R138	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R139	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R140	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R141	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R142	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R143	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R144	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R145	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R146	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R147	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R201	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R202	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R205	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R206	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R207	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R208	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R209	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R210	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R211	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R212	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R213	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R214	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R215	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R216	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R217	1-216-035-00	s	METAL, CHIP 270 5% 1/10W
R218	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R220	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R221	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R222	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R223	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R224	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R225	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R226	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R227	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R228	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R229	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R230	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R234	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R238	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R242	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R243	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R244	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R245	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R246	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R247	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R249	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R250	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R252	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R253	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R255	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R256	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R301	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R304	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R305	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R306	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R307	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R308	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R309	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R310	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R311	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R312	1-216-129-00	s	METAL, CHIP 2.2M 5% 1/10W
R313	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R314	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R315	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R316	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R317	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R318	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R320	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R321	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R322	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R323	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R324	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R325	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R326	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R327	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R328	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R329	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R330	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R331	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R332	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R334	1-216-295-91	s	METAL, CHIP 0 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R336	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R338	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R340	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R342	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R343	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R344	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R345	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R347	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R353	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R355	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R356	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R358	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R401	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R404	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R405	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R407	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R410	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R411	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R412	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R413	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R414	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R415	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R416	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R417	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R419	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R501	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R504	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R505	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R506	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R507	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R508	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R509	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R510	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R511	1-216-673-11	s	METAL, CHIP 8.2k 0.5% 1/10W
R512	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R513	1-216-633-11	s	METAL, CHIP 180 0.5% 1/10W
R514	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R515	1-216-681-11	s	METAL, CHIP 18k 0.5% 1/10W
R516	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R517	1-216-638-11	s	METAL, CHIP 300 0.5% 1/10W
R518	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R519	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R520	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R521	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R522	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R523	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R524	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R525	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R526	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R527	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R528	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R529	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R530	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R531	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R532	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R533	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R534	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R535	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R536	1-216-039-00	s	METAL, CHIP 390 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R537	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R538	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R539	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R540	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R541	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R542	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R543	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R544	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R545	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R546	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R547	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R548	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R549	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R550	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R551	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R552	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R553	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R554	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R555	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R557	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R558	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R559	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R560	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R561	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R562	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R601	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R602	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R603	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R604	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R605	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R606	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R607	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R608	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R609	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R610	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R611	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R612	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R613	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R614	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R615	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R616	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R617	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R618	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R621	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R622	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R623	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R624	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R625	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R626	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R627	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R628	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R629	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R630	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R631	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R632	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R633	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R634	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R635	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R702	1-216-295-91	s	METAL, CHIP 0 5% 1/10W

(DV-16 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
R703	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R704	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R706	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R707	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R708	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R709	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R711	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R712	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R714	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R715	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R716	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R718	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R719	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R901	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R902	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R903	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R904	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R905	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R906	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R907	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R908	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R909	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R910	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R911	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R912	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R913	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R914	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R915	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R916	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R917	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R918	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R919	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R920	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R921	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R922	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R923	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R924	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R925	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R926	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R927	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R928	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R929	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R930	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R931	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R932	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R933	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R934	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R935	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R936	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R937	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R938	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R939	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R946	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R947	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R948	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
RB201	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB202	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB203	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB204	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4

(DV-16 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
RB205	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB206	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB207	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB208	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB209	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB210	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB211	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB212	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB213	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB214	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB215	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB216	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB302	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB606	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB607	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB608	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB609	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB610	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB611	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB612	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB613	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
S101	1-572-971-31	s	SWITCH, SLIDE
X501	1-767-263-11	s	CRYSTAL 83.471313MHz

EQ-57 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8277-876-B	s	MOUNTED CIRCUIT BOARD, EQ-57
1pc	3-179-084-01	s	LEVER (R), PRINTED CIRCUIT BOARD
1pc	3-179-085-01	s	LEVER (L), PRINTED CIRCUIT BOARD
C1	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C2	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C3	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C4	1-126-393-11	s	ELECT, CHIP 33uF 20% 10V
C5	1-126-393-11	s	ELECT, CHIP 33uF 20% 10V
C8	1-126-393-11	s	ELECT, CHIP 33uF 20% 10V
C12	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C16	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C24	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C32	1-126-393-11	s	ELECT, CHIP 33uF 20% 10V
C44	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C100	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C101	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C102	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C103	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C104	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C105	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C106	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C107	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C108	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C109	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C110	1-163-253-11	s	CERAMIC, CHIP 120pF 5% 50V
C111	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C112	1-163-233-11	s	CERAMIC, CHIP 18pF 5% 50V
C113	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C114	1-163-087-00	s	CERAMIC, CHIP 4pF 50V
C115	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C116	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C117	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C118	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C119	1-163-143-00	s	CERAMIC, CHIP 0.0012uF 5% 50V
C120	1-163-143-00	s	CERAMIC, CHIP 0.0012uF 5% 50V
C121	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C122	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C123	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C124	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C125	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C126	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C127	1-163-143-00	s	CERAMIC, CHIP 0.0012uF 5% 50V
C128	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C129	1-163-143-00	s	CERAMIC, CHIP 0.0012uF 5% 50V
C130	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C131	1-164-182-11	s	CERAMIC, CHIP 0.0033uF 10% 100V
C132	1-163-222-11	s	CERAMIC 5pF 0.25pF 50V
C133	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C134	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C135	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C136	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C137	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C138	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C139	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C140	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C141	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C142	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C143	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V

(EQ-57 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
C145	1-135-149-21	s	TANTALUM, CHIP 2.2uF 10% 10V
C146	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C200	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C201	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C202	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C203	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C205	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C207	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C208	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C209	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C210	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C211	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C212	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C213	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C214	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C215	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C216	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C217	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C218	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C219	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C220	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C221	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C222	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C223	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C224	1-163-019-00	s	CERAMIC, CHIP 0.0068uF 10% 50V
C225	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C226	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C229	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C232	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C233	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C234	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C237	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C239	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C240	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C245	1-164-182-11	s	CERAMIC, CHIP 0.0033uF 10% 100V
C248	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C254	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C255	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C256	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C257	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C258	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C262	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C263	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C264	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C265	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C266	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C267	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C268	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C270	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C272	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C273	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C274	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C275	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C276	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C277	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C278	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C279	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C280	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C281	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C282	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C283	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C284	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C286	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C292	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C293	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C294	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C297	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C300	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C301	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C302	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C303	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C304	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C305	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C306	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C307	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C308	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C309	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C310	1-163-253-11	s	CERAMIC, CHIP 120pF 5% 50V
C311	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C312	1-163-233-11	s	CERAMIC, CHIP 18pF 5% 50V
C313	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C314	1-163-087-00	s	CERAMIC, CHIP 4pF 50V
C315	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C316	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C317	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C318	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C319	1-163-143-00	s	CERAMIC, CHIP 0.0012uF 5% 50V
C320	1-163-143-00	s	CERAMIC, CHIP 0.0012uF 5% 50V
C321	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C322	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C323	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C324	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C325	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C326	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C327	1-163-143-00	s	CERAMIC, CHIP 0.0012uF 5% 50V
C328	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C329	1-163-143-00	s	CERAMIC, CHIP 0.0012uF 5% 50V
C330	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C331	1-164-182-11	s	CERAMIC, CHIP 0.0033uF 10% 100V
C332	1-163-222-11	s	CERAMIC 5pF 0.25pF 50V
C333	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C334	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C335	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C336	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C337	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C338	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C339	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C340	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C341	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C342	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C343	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V
C345	1-135-149-21	s	TANTALUM, CHIP 2.2uF 10% 10V
C346	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C400	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C401	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C402	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C403	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C405	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V

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Ref. No. or Q'ty	Part No.	SP	Description
C407	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C408	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C409	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C410	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C411	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C412	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C413	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C414	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C415	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C416	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C417	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C418	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C419	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C420	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C421	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C422	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C423	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C424	1-163-019-00	s	CERAMIC, CHIP 0.0068uF 10% 50V
C425	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C426	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C429	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C432	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C433	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C434	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C437	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C439	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C440	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C445	1-164-182-11	s	CERAMIC, CHIP 0.0033uF 10% 100V
C448	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C454	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C455	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C456	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C457	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C458	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C462	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C463	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C464	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C465	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C466	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C467	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C468	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C470	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C472	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C479	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C480	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C481	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C482	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C483	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C484	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C486	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C492	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C493	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C494	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C497	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C500	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C501	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C502	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C503	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C504	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C505	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C506	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C507	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C508	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C509	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C510	1-163-253-11	s	CERAMIC, CHIP 120pF 5% 50V
C511	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C512	1-163-233-11	s	CERAMIC, CHIP 18pF 5% 50V
C513	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C514	1-163-087-00	s	CERAMIC, CHIP 4pF 50V
C515	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C516	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C517	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C518	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C519	1-163-143-00	s	CERAMIC, CHIP 0.0012uF 5% 50V
C520	1-163-143-00	s	CERAMIC, CHIP 0.0012uF 5% 50V
C521	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C522	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C523	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C524	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C525	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C526	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C527	1-163-143-00	s	CERAMIC, CHIP 0.0012uF 5% 50V
C528	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C529	1-163-143-00	s	CERAMIC, CHIP 0.0012uF 5% 50V
C530	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C531	1-164-182-11	s	CERAMIC, CHIP 0.0033uF 10% 100V
C532	1-163-222-11	s	CERAMIC 5pF 0.25pF 50V
C533	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C534	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C535	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C536	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C537	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C538	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C539	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C540	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C541	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C542	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C543	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V
C545	1-135-149-21	s	TANTALUM, CHIP 2.2uF 10% 10V
C546	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C600	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C601	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C602	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C603	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C605	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C607	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C608	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C609	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C610	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C611	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C612	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C613	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C614	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C615	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C616	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C617	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C618	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C619	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C620	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C621	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C622	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C623	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C624	1-163-019-00	s	CERAMIC, CHIP 0.0068uF 10% 50V
C625	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C626	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C629	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C632	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C633	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C634	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C637	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C639	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C640	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C645	1-164-182-11	s	CERAMIC, CHIP 0.0033uF 10% 100V
C648	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C654	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C655	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C656	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C657	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C658	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C662	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C663	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C664	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C665	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C666	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C667	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C668	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C670	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C672	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C673	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C674	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C675	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C676	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C677	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C678	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C679	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C680	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C681	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C682	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C683	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C684	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C686	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C692	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C693	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C694	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C697	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C700	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C701	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C702	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C703	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C704	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C705	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C706	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C707	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C708	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C709	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C710	1-163-253-11	s	CERAMIC, CHIP 120pF 5% 50V
C711	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C712	1-163-233-11	s	CERAMIC, CHIP 18pF 5% 50V
C713	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C714	1-163-087-00	s	CERAMIC, CHIP 4pF 50V
C715	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C716	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C717	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C718	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C719	1-163-143-00	s	CERAMIC, CHIP 0.0012uF 5% 50V
C720	1-163-143-00	s	CERAMIC, CHIP 0.0012uF 5% 50V
C721	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C722	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C723	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C724	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C725	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C726	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C727	1-163-143-00	s	CERAMIC, CHIP 0.0012uF 5% 50V
C728	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C729	1-163-143-00	s	CERAMIC, CHIP 0.0012uF 5% 50V
C730	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C731	1-164-182-11	s	CERAMIC, CHIP 0.0033uF 10% 100V
C732	1-163-222-11	s	CERAMIC 5pF 0.25pF 50V
C733	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C734	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C735	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C736	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C737	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C738	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C739	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C740	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C741	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C742	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C743	1-107-823-11	s	CERAMIC, CHIP 0.47uF 10% 16V
C745	1-135-149-21	s	TANTALUM, CHIP 2.2uF 10% 10V
C746	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C800	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C801	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C802	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C803	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C805	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C807	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C808	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C809	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C810	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C811	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C812	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C813	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C814	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C815	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C816	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C817	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C818	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C819	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C820	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C821	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C822	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C823	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C824	1-163-019-00	s	CERAMIC, CHIP 0.0068uF 10% 50V
C825	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C826	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V

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Ref. No. or Q'ty	Part No.	SP	Description
C829	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C832	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C833	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C834	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C837	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C839	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C840	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C845	1-164-182-11	s	CERAMIC, CHIP 0.0033uF 10% 100V
C848	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C854	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C855	1-104-851-11	s	TANTALUM, CHIP 10uF 20% 10V
C856	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C857	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C858	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C862	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C863	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C864	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C865	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C866	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C867	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C868	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C870	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C872	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C879	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C880	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C881	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C882	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C883	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C884	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C886	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C892	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C893	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C894	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C897	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
CN119	1-778-262-12	o	CONNECTOR, BB 148P, MALE
D201	8-719-941-23	s	DIODE DA204U
D202	8-719-941-23	s	DIODE DA204U
D203	8-719-941-23	s	DIODE DA204U
D204	8-719-989-08	s	DIODE RB717F
D401	8-719-941-23	s	DIODE DA204U
D402	8-719-941-23	s	DIODE DA204U
D403	8-719-941-23	s	DIODE DA204U
D404	8-719-989-08	s	DIODE RB717F
D601	8-719-941-23	s	DIODE DA204U
D602	8-719-941-23	s	DIODE DA204U
D603	8-719-941-23	s	DIODE DA204U
D604	8-719-989-08	s	DIODE RB717F
D801	8-719-941-23	s	DIODE DA204U
D802	8-719-941-23	s	DIODE DA204U
D803	8-719-941-23	s	DIODE DA204U
D804	8-719-989-08	s	DIODE RB717F
DL101	1-411-983-11	s	DELAY LINE, CHIP 47ns
DL102	1-411-982-11	s	DELAY LINE, CHIP 12ns
DL301	1-411-983-11	s	DELAY LINE, CHIP 47ns
DL302	1-411-982-11	s	DELAY LINE, CHIP 12ns
DL501	1-411-983-11	s	DELAY LINE, CHIP 47ns
DL502	1-411-982-11	s	DELAY LINE, CHIP 12ns

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Ref. No. or Q'ty	Part No.	SP	Description
DL701	1-411-983-11	s	DELAY LINE, CHIP 47ns
DL702	1-411-982-11	s	DELAY LINE, CHIP 12ns
FL101	1-233-754-11	s	FILTER, LOW-PASS 10MHz
FL102	1-233-756-11	s	FILTER, BAND-PASS 10MHz
FL103	1-234-158-21	s	FILTER, LOW-PASS 50MHz
FL201	1-239-560-11	s	FILTER, NOISE, CHIP
FL202	1-239-560-11	s	FILTER, NOISE, CHIP
FL203	1-239-560-11	s	FILTER, NOISE, CHIP
FL301	1-233-754-11	s	FILTER, LOW-PASS 10MHz
FL302	1-233-756-11	s	FILTER, BAND-PASS 10MHz
FL303	1-234-158-21	s	FILTER, LOW-PASS 50MHz
FL401	1-239-560-11	s	FILTER, NOISE, CHIP
FL402	1-239-560-11	s	FILTER, NOISE, CHIP
FL403	1-239-560-11	s	FILTER, NOISE, CHIP
FL501	1-233-754-11	s	FILTER, LOW-PASS 10MHz
FL502	1-233-756-11	s	FILTER, BAND-PASS 10MHz
FL503	1-234-158-21	s	FILTER, LOW-PASS 50MHz
FL601	1-239-560-11	s	FILTER, NOISE, CHIP
FL602	1-239-560-11	s	FILTER, NOISE, CHIP
FL603	1-239-560-11	s	FILTER, NOISE, CHIP
FL701	1-233-754-11	s	FILTER, LOW-PASS 10MHz
FL702	1-233-756-11	s	FILTER, BAND-PASS 10MHz
FL703	1-234-158-21	s	FILTER, LOW-PASS 50MHz
FL801	1-239-560-11	s	FILTER, NOISE, CHIP
FL802	1-239-560-11	s	FILTER, NOISE, CHIP
FL803	1-239-560-11	s	FILTER, NOISE, CHIP
IC1	8-759-531-92	s	IC TC7WH04FU(TE12R)
IC2	8-759-464-95	s	IC AK6420AF-E2
IC3	8-759-095-59	s	IC M5237ML-TP1
IC101	8-752-076-55	s	IC CXA3059Q
IC102	8-759-064-36	s	IC MB88346BPFV
IC103	8-759-112-53	s	IC UPC1663G
IC201	8-752-076-54	s	IC CXA3058Q
IC202	8-759-196-97	s	IC TC7SH32FU-TE85R
IC204	8-759-012-00	s	IC MC10H116M
IC205	8-759-012-03	s	IC MC10H131MEL
IC206	8-759-183-53	s	IC TL431CPK-E2
IC207	8-752-070-50	s	IC CXA1866Q
IC208	8-759-012-13	s	IC MC10H125M
IC210	8-759-524-04	s	IC TC74VHC125FT(EL)
IC211	8-759-523-78	s	IC TC74VHC00FT(EL)
IC212	8-759-523-95	s	IC TC74VHC74FT(EL)
IC301	8-752-076-55	s	IC CXA3059Q
IC302	8-759-064-36	s	IC MB88346BPFV
IC303	8-759-112-53	s	IC UPC1663G
IC401	8-752-076-54	s	IC CXA3058Q
IC402	8-759-196-97	s	IC TC7SH32FU-TE85R
IC404	8-759-012-00	s	IC MC10H116M
IC405	8-759-012-03	s	IC MC10H131MEL
IC406	8-759-183-53	s	IC TL431CPK-E2
IC407	8-752-070-50	s	IC CXA1866Q
IC408	8-759-012-13	s	IC MC10H125M
IC410	8-759-524-04	s	IC TC74VHC125FT(EL)
IC412	8-759-523-95	s	IC TC74VHC74FT(EL)
IC501	8-752-076-55	s	IC CXA3059Q
IC502	8-759-064-36	s	IC MB88346BPFV
IC503	8-759-112-53	s	IC UPC1663G
IC601	8-752-076-54	s	IC CXA3058Q

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Ref. No. or Q'ty	Part No.	SP	Description
IC602	8-759-196-97	s	IC TC7SH32FU-TE85R
IC604	8-759-012-00	s	IC MC10H116M
IC605	8-759-012-03	s	IC MC10H131MEL
IC606	8-759-183-53	s	IC TL431CPK-E2
IC607	8-752-070-50	s	IC CXA1866Q
IC608	8-759-012-13	s	IC MC10H125M
IC610	8-759-524-04	s	IC TC74VHC125FT(EL)
IC612	8-759-523-95	s	IC TC74VHC74FT(EL)
IC701	8-752-076-55	s	IC CXA3059Q
IC702	8-759-064-36	s	IC MB88346BPFV
IC703	8-759-112-53	s	IC UPC1663G
IC801	8-752-076-54	s	IC CXA3058Q
IC802	8-759-196-97	s	IC TC7SH32FU-TE85R
IC804	8-759-012-00	s	IC MC10H116M
IC805	8-759-012-03	s	IC MC10H131MEL
IC806	8-759-183-53	s	IC TL431CPK-E2
IC807	8-752-070-50	s	IC CXA1866Q
IC808	8-759-012-13	s	IC MC10H125M
IC810	8-759-524-04	s	IC TC74VHC125FT(EL)
IC812	8-759-523-95	s	IC TC74VHC74FT(EL)
L3	1-424-673-11	s	COIL, CHOKE 4.7uH
L4	1-424-673-11	s	COIL, CHOKE 4.7uH
L8	1-424-673-11	s	COIL, CHOKE 4.7uH
L101	1-408-777-00	s	INDUCTOR CHIP 10uH
L102	1-410-657-21	s	INDUCTOR CHIP 180uH
L103	1-408-777-00	s	INDUCTOR CHIP 10uH
L104	1-410-384-31	s	INDUCTOR CHIP 18uH
L201	1-408-777-00	s	INDUCTOR CHIP 10uH
L202	1-408-789-21	s	INDUCTOR CHIP 100uH
L206	1-408-777-00	s	INDUCTOR CHIP 10uH
L208	1-408-777-00	s	INDUCTOR CHIP 10uH
L209	1-408-777-00	s	INDUCTOR CHIP 10uH
L210	1-408-777-00	s	INDUCTOR CHIP 10uH
L212	1-408-777-00	s	INDUCTOR CHIP 10uH
L213	1-408-777-00	s	INDUCTOR CHIP 10uH
L301	1-408-777-00	s	INDUCTOR CHIP 10uH
L302	1-410-657-21	s	INDUCTOR CHIP 180uH
L303	1-408-777-00	s	INDUCTOR CHIP 10uH
L304	1-410-384-31	s	INDUCTOR CHIP 18uH
L401	1-408-777-00	s	INDUCTOR CHIP 10uH
L402	1-408-789-21	s	INDUCTOR CHIP 100uH
L408	1-408-777-00	s	INDUCTOR CHIP 10uH
L409	1-408-777-00	s	INDUCTOR CHIP 10uH
L412	1-408-777-00	s	INDUCTOR CHIP 10uH
L413	1-408-777-00	s	INDUCTOR CHIP 10uH
L501	1-408-777-00	s	INDUCTOR CHIP 10uH
L502	1-410-657-21	s	INDUCTOR CHIP 180uH
L503	1-408-777-00	s	INDUCTOR CHIP 10uH
L504	1-410-384-31	s	INDUCTOR CHIP 18uH
L601	1-408-777-00	s	INDUCTOR CHIP 10uH
L602	1-408-789-21	s	INDUCTOR CHIP 100uH
L606	1-408-777-00	s	INDUCTOR CHIP 10uH
L608	1-408-777-00	s	INDUCTOR CHIP 10uH
L609	1-408-777-00	s	INDUCTOR CHIP 10uH
L610	1-408-777-00	s	INDUCTOR CHIP 10uH
L612	1-408-777-00	s	INDUCTOR CHIP 10uH
L613	1-408-777-00	s	INDUCTOR CHIP 10uH
L701	1-408-777-00	s	INDUCTOR CHIP 10uH
L702	1-410-657-21	s	INDUCTOR CHIP 180uH

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Ref. No. or Q'ty	Part No.	SP	Description
L703	1-408-777-00	s	INDUCTOR CHIP 10uH
L704	1-410-384-31	s	INDUCTOR CHIP 18uH
L801	1-408-777-00	s	INDUCTOR CHIP 10uH
L802	1-408-789-21	s	INDUCTOR CHIP 100uH
L806	1-408-777-00	s	INDUCTOR CHIP 10uH
L808	1-408-777-00	s	INDUCTOR CHIP 10uH
L809	1-408-777-00	s	INDUCTOR CHIP 10uH
L812	1-408-777-00	s	INDUCTOR CHIP 10uH
L813	1-408-777-00	s	INDUCTOR CHIP 10uH
PS1	⚠ 1-576-124-11	s	LINK, IC 1A
PS2	⚠ 1-576-124-11	s	LINK, IC 1A
PS3	⚠ 1-576-124-11	s	LINK, IC 1A
PS4	⚠ 1-576-124-11	s	LINK, IC 1A
Q5	8-729-923-11	s	TRANSISTOR 2SB1412-TLQ
Q101	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q102	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q103	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q104	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q105	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q106	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q107	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q108	8-729-039-79	s	TRANSISTOR 2SA1813-TL
Q109	8-729-907-46	s	TRANSISTOR IMZ1
Q110	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q111	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q202	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q203	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q205	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q206	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q207	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q209	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q214	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q301	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q302	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q303	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q304	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q305	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q306	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q307	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q308	8-729-039-79	s	TRANSISTOR 2SA1813-TL
Q309	8-729-907-46	s	TRANSISTOR IMZ1
Q310	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q311	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q402	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q405	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q406	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q409	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q414	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q501	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q502	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q503	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q504	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q505	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q506	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q507	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q508	8-729-039-79	s	TRANSISTOR 2SA1813-TL
Q509	8-729-907-46	s	TRANSISTOR IMZ1
Q510	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L

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Ref. No. or Q'ty	Part No.	SP	Description
Q511	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q602	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q605	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q606	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q609	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q614	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q701	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q702	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q703	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q704	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q705	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q706	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q707	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q708	8-729-039-79	s	TRANSISTOR 2SA1813-TL
Q709	8-729-907-46	s	TRANSISTOR IMZ1
Q710	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q711	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q802	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q805	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q806	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q809	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q814	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
R2	1-208-758-11	s	METAL, CHIP 100 0.5% 1/10W
R4	1-208-804-11	s	METAL, CHIP 8.2k 0.5% 1/10W
R5	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R8	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R9	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R101	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R102	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R103	1-208-815-11	s	METAL, CHIP 24k 0.5% 1/10W
R104	1-208-846-11	s	METAL, CHIP 470k 0.5% 1/10W
R106	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R107	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R108	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R109	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R110	1-208-781-11	s	METAL, CHIP 910 0.5% 1/10W
R111	1-208-773-11	s	METAL, CHIP 430 0.5% 1/10W
R112	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R113	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R114	1-208-802-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R115	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R116	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R117	1-208-771-11	s	METAL, CHIP 360 0.5% 1/10W
R118	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R119	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R120	1-208-802-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R121	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R122	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R123	1-208-776-11	s	METAL, CHIP 560 0.5% 1/10W
R124	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R125	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R126	1-208-794-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R127	1-208-794-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R128	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R129	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R130	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R131	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R132	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R133	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R134	1-208-778-11	s	METAL, CHIP 680 0.5% 1/10W
R135	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R136	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R137	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R138	1-208-815-11	s	METAL, CHIP 24k 0.5% 1/10W
R139	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R140	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R141	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R142	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R143	1-208-764-11	s	METAL, CHIP 180 0.5% 1/10W
R144	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R145	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R147	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R150	1-208-799-11	s	METAL, CHIP 5.1k 0.5% 1/10W
R201	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R202	1-208-781-11	s	METAL, CHIP 910 0.5% 1/10W
R203	1-208-781-11	s	METAL, CHIP 910 0.5% 1/10W
R204	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R205	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R206	1-208-771-11	s	METAL, CHIP 360 0.5% 1/10W
R207	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R208	1-208-771-11	s	METAL, CHIP 360 0.5% 1/10W
R209	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R211	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R213	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R214	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R215	1-208-834-11	s	METAL, CHIP 150k 0.5% 1/10W
R216	1-208-780-11	s	METAL, CHIP 820 0.5% 1/10W
R217	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R218	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R219	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R220	1-208-756-11	s	METAL, CHIP 82 0.5% 1/10W
R221	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R222	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R224	1-208-824-11	s	METAL, CHIP 56k 0.5% 1/
R225	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R226	1-208-789-11	s	METAL, CHIP 2k 0.5% 1/10W
R227	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R228	1-208-813-11	s	METAL, CHIP 20k 0.5% 1/10W
R229	1-208-828-11	s	METAL, CHIP 82k 0.5% 1/10W
R230	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R232	1-208-795-11	s	METAL, CHIP 3.6k 0.5% 1/10W
R234	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R235	1-208-789-11	s	METAL, CHIP 2k 0.5% 1/10W
R236	1-208-804-11	s	METAL, CHIP 8.2k 0.5% 1/10W
R237	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R239	1-208-789-11	s	METAL, CHIP 2k 0.5% 1/10W
R241	1-208-830-11	s	METAL, CHIP 100k 0.5% 1/10W
R250	1-208-773-11	s	METAL, CHIP 430 0.5% 1/10W
R251	1-208-795-11	s	METAL, CHIP 3.6k 0.5% 1/10W
R252	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R253	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R257	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R262	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R263	1-208-812-11	s	METAL, CHIP 18k 0.5% 1/10W
R266	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R267	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R268	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R274	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R276	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R286	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R287	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R289	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R290	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R293	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R294	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R295	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R301	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R302	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R303	1-208-815-11	s	METAL, CHIP 24k 0.5% 1/10W
R304	1-208-846-11	s	METAL, CHIP 470k 0.5% 1/10W
R307	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R308	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R309	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R310	1-208-781-11	s	METAL, CHIP 910 0.5% 1/10W
R311	1-208-773-11	s	METAL, CHIP 430 0.5% 1/10W
R312	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R313	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R314	1-208-802-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R315	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R316	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R317	1-208-771-11	s	METAL, CHIP 360 0.5% 1/10W
R318	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R319	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R320	1-208-802-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R321	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R322	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R323	1-208-776-11	s	METAL, CHIP 560 0.5% 1/10W
R324	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R325	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R326	1-208-794-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R327	1-208-794-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R328	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R329	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R330	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R331	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R332	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R333	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R334	1-208-778-11	s	METAL, CHIP 680 0.5% 1/10W
R335	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R336	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R337	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R338	1-208-815-11	s	METAL, CHIP 24k 0.5% 1/10W
R339	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R340	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R341	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R342	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R343	1-208-764-11	s	METAL, CHIP 180 0.5% 1/10W
R344	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R345	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R347	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R350	1-208-799-11	s	METAL, CHIP 5.1k 0.5% 1/10W
R401	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R402	1-208-781-11	s	METAL, CHIP 910 0.5% 1/10W
R403	1-208-781-11	s	METAL, CHIP 910 0.5% 1/10W
R404	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R405	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R406	1-208-771-11	s	METAL, CHIP 360 0.5% 1/10W
R407	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R408	1-208-771-11	s	METAL, CHIP 360 0.5% 1/10W
R409	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R410	1-219-365-11	s	SHORT 0
R411	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R413	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R414	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R415	1-208-834-11	s	METAL, CHIP 150k 0.5% 1/10W
R416	1-208-780-11	s	METAL, CHIP 820 0.5% 1/10W
R417	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R418	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R419	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R420	1-208-756-11	s	METAL, CHIP 82 0.5% 1/10W
R421	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R422	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R424	1-208-824-11	s	METAL, CHIP 56k 0.5% 1/
R425	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R426	1-208-789-11	s	METAL, CHIP 2k 0.5% 1/10W
R427	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R428	1-208-813-11	s	METAL, CHIP 20k 0.5% 1/10W
R429	1-208-828-11	s	METAL, CHIP 82k 0.5% 1/10W
R430	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R432	1-208-795-11	s	METAL, CHIP 3.6k 0.5% 1/10W
R434	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R435	1-208-789-11	s	METAL, CHIP 2k 0.5% 1/10W
R436	1-208-804-11	s	METAL, CHIP 8.2k 0.5% 1/10W
R437	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R439	1-208-789-11	s	METAL, CHIP 2k 0.5% 1/10W
R441	1-208-830-11	s	METAL, CHIP 100k 0.5% 1/10W
R450	1-208-773-11	s	METAL, CHIP 430 0.5% 1/10W
R451	1-208-795-11	s	METAL, CHIP 3.6k 0.5% 1/10W
R452	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R453	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R457	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R462	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R463	1-208-812-11	s	METAL, CHIP 18k 0.5% 1/10W
R466	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R467	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R468	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R474	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R476	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R486	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R487	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R489	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R490	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R493	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R494	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R495	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R501	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R502	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R503	1-208-815-11	s	METAL, CHIP 24k 0.5% 1/10W
R504	1-208-846-11	s	METAL, CHIP 470k 0.5% 1/10W
R507	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R508	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R509	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R510	1-208-781-11	s	METAL, CHIP 910 0.5% 1/10W
R511	1-208-773-11	s	METAL, CHIP 430 0.5% 1/10W
R512	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R513	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R514	1-208-802-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R515	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R516	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R517	1-208-771-11	s	METAL, CHIP 360 0.5% 1/10W
R518	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R519	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R520	1-208-802-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R521	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R522	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R523	1-208-776-11	s	METAL, CHIP 560 0.5% 1/10W
R524	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R525	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R526	1-208-794-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R527	1-208-794-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R528	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R529	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R530	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R531	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R532	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R533	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R534	1-208-778-11	s	METAL, CHIP 680 0.5% 1/10W
R535	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R536	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R537	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R538	1-208-815-11	s	METAL, CHIP 24k 0.5% 1/10W
R539	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R540	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R541	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R542	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R543	1-208-764-11	s	METAL, CHIP 180 0.5% 1/10W
R544	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R545	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R547	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R550	1-208-799-11	s	METAL, CHIP 5.1k 0.5% 1/10W
R601	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R602	1-208-781-11	s	METAL, CHIP 910 0.5% 1/10W
R603	1-208-781-11	s	METAL, CHIP 910 0.5% 1/10W
R604	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R605	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R606	1-208-771-11	s	METAL, CHIP 360 0.5% 1/10W
R607	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R608	1-208-771-11	s	METAL, CHIP 360 0.5% 1/10W
R609	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R611	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R613	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R614	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R615	1-208-834-11	s	METAL, CHIP 150k 0.5% 1/10W
R616	1-208-780-11	s	METAL, CHIP 820 0.5% 1/10W
R617	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R618	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R619	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R620	1-208-756-11	s	METAL, CHIP 82 0.5% 1/10W
R621	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R622	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R624	1-208-824-11	s	METAL, CHIP 56k 0.5% 1/
R625	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R626	1-208-789-11	s	METAL, CHIP 2k 0.5% 1/10W
R627	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R628	1-208-813-11	s	METAL, CHIP 20k 0.5% 1/10W
R629	1-208-828-11	s	METAL, CHIP 82k 0.5% 1/10W
R630	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R632	1-208-795-11	s	METAL, CHIP 3.6k 0.5% 1/10W
R634	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R635	1-208-789-11	s	METAL, CHIP 2k 0.5% 1/10W
R636	1-208-804-11	s	METAL, CHIP 8.2k 0.5% 1/10W
R637	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R639	1-208-789-11	s	METAL, CHIP 2k 0.5% 1/10W
R641	1-208-830-11	s	METAL, CHIP 100k 0.5% 1/10W
R650	1-208-773-11	s	METAL, CHIP 430 0.5% 1/10W
R651	1-208-795-11	s	METAL, CHIP 3.6k 0.5% 1/10W
R652	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R653	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R657	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R662	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R663	1-208-812-11	s	METAL, CHIP 18k 0.5% 1/10W
R666	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R667	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R668	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R674	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R676	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R686	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R687	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R689	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R690	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R693	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R694	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R695	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R701	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R702	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R703	1-208-815-11	s	METAL, CHIP 24k 0.5% 1/10W
R704	1-208-846-11	s	METAL, CHIP 470k 0.5% 1/10W
R707	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R708	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R709	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R710	1-208-781-11	s	METAL, CHIP 910 0.5% 1/10W
R711	1-208-773-11	s	METAL, CHIP 430 0.5% 1/10W
R712	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R713	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R714	1-208-802-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R715	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R716	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R717	1-208-771-11	s	METAL, CHIP 360 0.5% 1/10W
R718	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R719	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R720	1-208-802-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R721	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R722	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R723	1-208-776-11	s	METAL, CHIP 560 0.5% 1/10W
R724	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R725	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R726	1-208-794-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R727	1-208-794-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R728	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R729	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R730	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R731	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R732	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R733	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R734	1-208-778-11	s	METAL, CHIP 680 0.5% 1/10W
R735	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R736	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R737	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R738	1-208-815-11	s	METAL, CHIP 24k 0.5% 1/10W
R739	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R740	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R741	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R742	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R743	1-208-764-11	s	METAL, CHIP 180 0.5% 1/10W
R744	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R745	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R747	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R750	1-208-799-11	s	METAL, CHIP 5.1k 0.5% 1/10W
R801	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R802	1-208-781-11	s	METAL, CHIP 910 0.5% 1/10W
R803	1-208-781-11	s	METAL, CHIP 910 0.5% 1/10W
R804	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R805	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R806	1-208-771-11	s	METAL, CHIP 360 0.5% 1/10W
R807	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R808	1-208-771-11	s	METAL, CHIP 360 0.5% 1/10W
R809	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R811	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R813	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R814	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R815	1-208-834-11	s	METAL, CHIP 150k 0.5% 1/10W
R816	1-208-780-11	s	METAL, CHIP 820 0.5% 1/10W
R817	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R818	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R819	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R820	1-208-756-11	s	METAL, CHIP 82 0.5% 1/10W
R821	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R822	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R824	1-208-824-11	s	METAL, CHIP 56k 0.5% 1/
R825	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R826	1-208-789-11	s	METAL, CHIP 2k 0.5% 1/10W
R827	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R828	1-208-813-11	s	METAL, CHIP 20k 0.5% 1/10W
R829	1-208-828-11	s	METAL, CHIP 82k 0.5% 1/10W
R830	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R832	1-208-795-11	s	METAL, CHIP 3.6k 0.5% 1/10W
R834	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R835	1-208-789-11	s	METAL, CHIP 2k 0.5% 1/10W
R836	1-208-804-11	s	METAL, CHIP 8.2k 0.5% 1/10W
R837	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R839	1-208-789-11	s	METAL, CHIP 2k 0.5% 1/10W
R841	1-208-830-11	s	METAL, CHIP 100k 0.5% 1/10W
R850	1-208-773-11	s	METAL, CHIP 430 0.5% 1/10W
R851	1-208-795-11	s	METAL, CHIP 3.6k 0.5% 1/10W
R852	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R853	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R857	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R862	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R863	1-208-812-11	s	METAL, CHIP 18k 0.5% 1/10W
R866	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R867	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R868	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W

(EQ-57 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
R874	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R876	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R886	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R887	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R889	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R890	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R893	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R894	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R895	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
RB1	1-239-389-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB2	1-239-389-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB201	1-239-389-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB202	1-239-389-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB203	1-239-389-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB401	1-239-389-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB402	1-239-389-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB601	1-239-389-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB602	1-239-389-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB801	1-239-389-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB802	1-239-389-11	s	RESISTOR BLOCK, CHIP 47k x 4
S201	1-692-535-11	s	SWITCH, DIP, CHIP 4-CKT

FP-75 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8277-913-A	o	MOUNTED CIRCUIT BOARD, FP-75
C1	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
CN724	1-573-397-11	s	CONNECTOR, FPC 11P
D1	8-719-024-81	s	DIODE 1SS300-TE85L
D2	8-719-024-81	s	DIODE 1SS300-TE85L
D3	8-719-024-81	s	DIODE 1SS300-TE85L
D4	8-719-024-81	s	DIODE 1SS300-TE85L
D5	8-719-024-81	s	DIODE 1SS300-TE85L
R1	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R2	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
RV1	1-237-695-11	s	RES, VAR, CARBON 5k
RV2	1-237-695-11	s	RES, VAR, CARBON 5k
S1	1-571-977-11	s	SWITCH, PUSH
S2	1-571-977-11	s	SWITCH, PUSH
S3	1-571-977-11	s	SWITCH, PUSH
S4	1-571-977-11	s	SWITCH, PUSH
S5	1-571-977-11	s	SWITCH, PUSH
S6	1-571-977-11	s	SWITCH, PUSH
S7	1-571-977-11	s	SWITCH, PUSH
S8	1-571-977-11	s	SWITCH, PUSH
S9	1-762-234-11	s	SWITCH, SLIDE
S10	1-571-640-11	s	SWITCH, SLIDE

HP-73 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8277-912-A	o	MOUNTED CIRCUIT BOARD, HP-73
CN731	1-506-477-11	s	CONNECTOR, 12P, MALE
CN733	1-506-468-11	s	CONNECTOR, 3P, MALE
JW1	1-219-202-11	s	RES 0

KY-336 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8277-878-A	o	MOUNTED CIRCUIT BOARD, KY-336
2pcs	7-682-648-09	s	SCREW +PS 3x8
C1	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C2	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C3	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C4	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C5	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C6	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C7	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C8	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C9	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C10	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C11	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C16	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C17	1-104-664-11	s	ELECT 47uF 20% 25V
C18	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C19	1-126-935-11	s	ELECT 470uF 20% 16V
C20	1-126-933-11	s	ELECT 100uF 20% 16V
C21	1-126-934-11	s	ELECT 220uF 20% 16V
C22	1-163-012-00	s	CERAMIC, CHIP 0.0018uF 10% 50V
C23	1-111-136-11	s	ELECT 47uF 20% 63V
C24	1-126-968-11	s	ELECT 100uF 20% 50V
C25	1-126-968-11	s	ELECT 100uF 20% 50V
C26	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C27	1-126-965-11	s	ELECT 22uF 20% 50V
C28	1-104-664-11	s	ELECT 47uF 20% 25V
C29	1-104-664-11	s	ELECT 47uF 20% 25V
C30	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C31	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C32	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C33	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C34	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C39	1-126-935-11	s	ELECT 470uF 20% 16V
C51	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C52	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C53	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C54	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C55	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C56	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C57	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C58	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C59	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C60	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C61	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C62	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C63	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C64	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C65	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C66	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C67	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C68	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C69	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C70	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C71	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C72	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C73	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C74	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C75	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V

(KY-336 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
C76	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C77	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C78	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C79	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C80	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C81	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C82	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C83	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C84	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C85	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C86	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C87	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C88	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C89	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C90	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C91	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C92	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C93	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C94	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C95	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C96	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C97	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C98	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C99	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C100	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C101	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
CN712	1-565-189-11	s	CONNECTOR, FPC 36P
CN713	1-506-468-11	s	CONNECTOR, 3P, MALE
CN714	1-573-397-11	s	CONNECTOR, FPC 11P
D1	8-719-941-23	s	DIODE DA204U
D2	8-719-941-23	s	DIODE DA204U
D3	8-719-941-23	s	DIODE DA204U
D5	8-719-941-23	s	DIODE DA204U
D6	8-719-024-81	s	DIODE 1SS300-TE85L
D7	8-719-024-81	s	DIODE 1SS300-TE85L
D8	8-719-024-81	s	DIODE 1SS300-TE85L
D9	8-719-024-81	s	DIODE 1SS300-TE85L
D10	8-719-024-81	s	DIODE 1SS300-TE85L
D11	8-719-024-81	s	DIODE 1SS300-TE85L
D12	8-719-110-02	s	DIODE RD7.5ESB1
D13	8-719-108-24	s	DIODE 1SS223
D14	8-719-108-24	s	DIODE 1SS223
D15	8-719-158-61	s	DIODE RD16SB2
D16	8-719-901-83	s	DIODE 1SS83
D17	8-719-160-00	s	DIODE RD2.0FB1
D18	8-719-160-00	s	DIODE RD2.0FB1
D19	8-719-160-00	s	DIODE RD2.0FB1
D20	8-719-024-81	s	DIODE 1SS300-TE85L
D21	8-719-105-99	s	DIODE RD6.2M-B1
D22	8-719-105-99	s	DIODE RD6.2M-B1
D23	8-719-105-99	s	DIODE RD6.2M-B1
D24	8-719-105-99	s	DIODE RD6.2M-B1
D25	8-719-941-23	s	DIODE DA204U
D26	8-719-941-23	s	DIODE DA204U
D27	8-719-941-23	s	DIODE DA204U
D28	8-719-941-23	s	DIODE DA204U
D29	8-719-941-23	s	DIODE DA204U
D30	8-719-941-23	s	DIODE DA204U

(KY-336 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
D31	8-719-941-23	s	DIODE DA204U
E1	1-535-881-21	o	TERMINAL, TP
IC1	8-759-477-03	s	IC UPD78013FYCW-W07
IC2	8-759-350-99	s	IC M66004M6FP200D
IC3	8-759-186-44	s	IC TC74VHC125F
IC4	8-759-542-91	s	IC S-80840ANUP-ED4-T2
IC5	8-759-431-42	s	IC TD62504F-TEL
L1	1-410-385-11	s	INDUCTOR, CHIP 22uH
L2	1-410-381-11	s	INDUCTOR CHIP 10uH
L4	1-412-533-21	s	INDUCTOR 47uH
L5	1-412-031-11	s	INDUCTOR CHIP 47uH
ND1	1-517-599-11	s	UNIT, FLD
ND2	1-517-598-11	s	UNIT, FLD
PS1	⚠ 1-532-637-00	s	LINK, IC 1.0A
PS2	⚠ 1-532-605-00	s	LINK, IC 0.4A
Q1	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q2	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q3	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q4	8-729-427-70	s	TRANSISTOR XP4401-TXE
Q5	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q6	8-729-822-55	s	TRANSISTOR 2SD1669R
Q7	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q8	8-729-216-22	s	TRANSISTOR 2SA1162
Q9	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q10	8-729-216-22	s	TRANSISTOR 2SA1162
Q11	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q12	8-729-216-22	s	TRANSISTOR 2SA1162
Q13	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q14	8-729-216-22	s	TRANSISTOR 2SA1162
Q15	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q16	8-729-216-22	s	TRANSISTOR 2SA1162
Q17	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q18	8-729-216-22	s	TRANSISTOR 2SA1162
Q19	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q20	8-729-216-22	s	TRANSISTOR 2SA1162
Q21	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q22	8-729-216-22	s	TRANSISTOR 2SA1162
Q23	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q24	8-729-216-22	s	TRANSISTOR 2SA1162
Q25	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q26	8-729-216-22	s	TRANSISTOR 2SA1162
Q27	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q28	8-729-216-22	s	TRANSISTOR 2SA1162
Q29	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q30	8-729-216-22	s	TRANSISTOR 2SA1162
Q31	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q32	8-729-216-22	s	TRANSISTOR 2SA1162
Q33	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q34	8-729-216-22	s	TRANSISTOR 2SA1162
Q35	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q36	8-729-216-22	s	TRANSISTOR 2SA1162
Q37	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q38	8-729-216-22	s	TRANSISTOR 2SA1162
Q39	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q40	8-729-216-22	s	TRANSISTOR 2SA1162
Q41	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB

(KY-336 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
Q42	8-729-216-22	s	TRANSISTOR 2SA1162
Q43	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q44	8-729-216-22	s	TRANSISTOR 2SA1162
Q45	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q46	8-729-216-22	s	TRANSISTOR 2SA1162
Q47	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q48	8-729-216-22	s	TRANSISTOR 2SA1162
Q49	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q50	8-729-216-22	s	TRANSISTOR 2SA1162
Q51	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q52	8-729-216-22	s	TRANSISTOR 2SA1162
Q53	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q54	8-729-216-22	s	TRANSISTOR 2SA1162
Q55	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q56	8-729-216-22	s	TRANSISTOR 2SA1162
Q57	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q58	8-729-216-22	s	TRANSISTOR 2SA1162
Q59	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q60	8-729-216-22	s	TRANSISTOR 2SA1162
Q61	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q62	8-729-216-22	s	TRANSISTOR 2SA1162
Q63	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q64	8-729-216-22	s	TRANSISTOR 2SA1162
Q65	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q66	8-729-216-22	s	TRANSISTOR 2SA1162
Q67	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q68	8-729-216-22	s	TRANSISTOR 2SA1162
Q69	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q70	8-729-216-22	s	TRANSISTOR 2SA1162
Q71	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q72	8-729-216-22	s	TRANSISTOR 2SA1162
Q73	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q74	8-729-216-22	s	TRANSISTOR 2SA1162
Q75	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q76	8-729-216-22	s	TRANSISTOR 2SA1162
Q77	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q78	8-729-216-22	s	TRANSISTOR 2SA1162
Q79	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q80	8-729-216-22	s	TRANSISTOR 2SA1162
Q81	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q82	8-729-216-22	s	TRANSISTOR 2SA1162
Q83	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q84	8-729-216-22	s	TRANSISTOR 2SA1162
Q85	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q86	8-729-216-22	s	TRANSISTOR 2SA1162
Q87	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q88	8-729-216-22	s	TRANSISTOR 2SA1162
Q89	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q90	8-729-216-22	s	TRANSISTOR 2SA1162
Q91	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q92	8-729-216-22	s	TRANSISTOR 2SA1162
Q93	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q94	8-729-216-22	s	TRANSISTOR 2SA1162
Q95	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q96	8-729-216-22	s	TRANSISTOR 2SA1162
Q97	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q98	8-729-216-22	s	TRANSISTOR 2SA1162
Q99	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q100	8-729-216-22	s	TRANSISTOR 2SA1162

(KY-336 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
Q101	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q102	8-729-216-22	s	TRANSISTOR 2SA1162
Q103	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q104	8-729-216-22	s	TRANSISTOR 2SA1162
Q105	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q106	8-729-216-22	s	TRANSISTOR 2SA1162
Q107	8-729-019-87	s	TRANSISTOR 2SC3392-6-TB
Q108	8-729-216-22	s	TRANSISTOR 2SA1162
Q109	8-729-230-49	s	TRANSISTOR 2SC2712-YG
R1	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R2	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R3	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R4	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R5	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R6	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R7	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R10	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R11	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R12	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R13	1-216-061-00	s	METAL, CHIP 3.3k 5% 1/10W
R14	1-216-061-00	s	METAL, CHIP 3.3k 5% 1/10W
R15	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R16	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R17	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R18	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R19	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R20	1-216-061-00	s	METAL, CHIP 3.3k 5% 1/10W
R21	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R22	1-216-304-11	s	METAL 3.3 5% 1/10W
R23	1-216-053-00	s	METAL, CHIP 1.5k 5% 1/10W
R24	1-216-067-00	s	METAL, CHIP 5.6k 5% 1/10W
R25	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R26	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R27	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R28	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R29	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R30	1-216-027-00	s	METAL, CHIP 120 5% 1/10W
R31	1-216-027-00	s	METAL, CHIP 120 5% 1/10W
R32	1-216-027-00	s	METAL, CHIP 120 5% 1/10W
R33	1-216-027-00	s	METAL, CHIP 120 5% 1/10W
R34	1-216-027-00	s	METAL, CHIP 120 5% 1/10W
R35	1-216-027-00	s	METAL, CHIP 120 5% 1/10W
R36	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R37	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R38	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R39	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R40	1-220-221-11	s	METAL, CHIP 100 5% 1/2W
R41	1-216-069-00	s	METAL, CHIP 6.8k 5% 1/10W
R42	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R43	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R44	1-216-053-00	s	METAL, CHIP 1.5k 5% 1/10W
R45	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R46	1-216-055-00	s	METAL, CHIP 1.8k 5% 1/10W
R47	1-216-055-00	s	METAL, CHIP 1.8k 5% 1/10W
R48	1-216-083-00	s	METAL, CHIP 27k 5% 1/10W
R49	1-216-083-00	s	METAL, CHIP 27k 5% 1/10W
R50	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R51	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R52	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W

(KY-336 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
R53	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R54	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R55	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R56	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R60	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R61	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R62	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R63	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R64	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R65	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R66	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R67	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R68	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R69	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R70	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R71	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R72	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R73	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R74	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R75	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R76	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R77	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R78	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R79	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R80	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R81	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R82	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R83	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R84	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R85	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R86	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R87	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R88	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R89	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R90	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R91	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R92	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R93	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R94	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R95	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R96	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R97	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R98	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R99	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R100	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R101	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R102	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R103	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R104	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R105	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R106	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R107	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R108	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R109	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R110	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R111	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R112	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R113	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R114	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W

(KY-336 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
R115	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R116	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R117	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R118	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R119	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R120	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R121	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R122	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R123	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R124	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R125	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
RV1	1-225-359-11	s	RES, VAR CARBON 5k/20k
RV2	1-225-359-11	s	RES, VAR CARBON 5k/20k
RV3	1-225-359-11	s	RES, VAR CARBON 5k/20k
RV4	1-225-359-11	s	RES, VAR CARBON 5k/20k
S1	1-692-892-11	s	SWITCH, PUSH
S2	1-692-890-31	s	SWITCH, PUSH
S3	1-692-890-21	s	SWITCH, PUSH
S4	1-692-890-41	s	SWITCH, PUSH
S5	1-692-892-21	s	SWITCH, PUSH
S6	1-692-891-21	s	SWITCH, PUSH
S7	1-571-977-11	s	SWITCH, PUSH
S8	1-571-977-11	s	SWITCH, PUSH
S9	1-571-977-11	s	SWITCH, PUSH
S10	1-571-977-11	s	SWITCH, PUSH
S11	1-571-977-11	s	SWITCH, PUSH
S12	1-762-832-11	s	SWITCH, SLIDE
S13	1-571-977-11	s	SWITCH, PUSH
T1	1-429-856-11	s	TRANSFORMER, POWER
TP1	1-535-881-21	o	TERMINAL, TP
X1	1-579-175-11	s	RESONATOR, CERAMIC 10.00MHz

MB-640 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8277-899-A	o	MOUNTED CIRCUIT BOARD, MB-640
C102	1-113-340-11	s	ELECT 47uF 20% 25V
C103	1-124-635-00	s	ELECT 220uF 20% 6.3V
C105	1-124-635-00	s	ELECT 220uF 20% 6.3V
C106	1-113-340-11	s	ELECT 47uF 20% 25V
C111	1-104-664-11	s	ELECT 47uF 20% 25V
C112	1-104-664-11	s	ELECT 47uF 20% 25V
C113	1-113-340-11	s	ELECT 47uF 20% 25V
C114	1-113-340-11	s	ELECT 47uF 20% 25V
CN108	1-778-259-11	o	CONNECTOR, BB 148P, FEMALE
CN111	1-778-259-11	o	CONNECTOR, BB 148P, FEMALE
CN117	1-778-259-11	o	CONNECTOR, BB 148P, FEMALE
CN118	1-778-259-11	o	CONNECTOR, BB 148P, FEMALE
CN119	1-778-259-11	o	CONNECTOR, BB 148P, FEMALE
CN120	1-778-259-11	o	CONNECTOR, BB 148P, FEMALE
CN501	1-562-717-11	o	CONNECTOR, 34P, MALE
CN502	1-562-992-11	o	CONNECTOR, FPC 26P, FEMALE
CN503	1-565-189-11	s	CONNECTOR, FPC 36P
CN505	1-562-708-11	o	CONNECTOR, FPC 13P, FEMALE
CN506	1-565-189-11	s	CONNECTOR, FPC 36P
CN601	1-766-792-11	o	CONNECTOR, BOARD TO BOARD 12P
CN602	1-766-792-11	o	CONNECTOR, BOARD TO BOARD 12P
CN603	1-766-792-11	o	CONNECTOR, BOARD TO BOARD 12P
CN604	1-766-792-11	o	CONNECTOR, BOARD TO BOARD 12P
CN605	1-766-792-11	o	CONNECTOR, BOARD TO BOARD 12P
CN606	1-766-792-11	o	CONNECTOR, BOARD TO BOARD 12P
CN607	1-764-259-11	s	CONNECTOR, D-SUB 15P, FEMALE
CN608	1-573-566-11	s	CONNECTOR, D-SUB 9P, FEMALE
CN609	1-564-002-11	s	PIN, CONNECTOR 3P
CN701	1-506-477-11	s	CONNECTOR, 12P, MALE
CN702	1-565-189-11	s	CONNECTOR, FPC 36P
CN903	1-691-757-11	o	CONNECTOR, BB 8P, MALE
CN904	1-766-176-11	o	CONNECTOR, BB 6P, MALE
IC1	8-759-982-54	s	IC NJM79M09FA
IC2	8-759-701-59	s	IC NJM78M09FA

MS-43 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8312-024-A	o	MOUNTED CIRCUIT BOARD, MS-43
C1	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C2	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C3	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C9	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C10	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C11	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C12	1-126-960-11	s	ELECT 1uF 20% 50V
C13	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C14	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C15	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C16	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C101	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C102	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C103	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C104	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C105	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C106	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C107	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C108	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C109	1-115-340-11	s	CERAMIC 0.22uF 10% 25V
C111	1-115-340-11	s	CERAMIC 0.22uF 10% 25V
C112	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C113	1-126-403-11	s	ELECT 3.3uF 20% 50V
C114	1-115-340-11	s	CERAMIC 0.22uF 10% 25V
C115	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C116	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C117	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C118	1-164-505-11	s	CERAMIC, CHIP 2.2uF 16V
C201	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C202	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C203	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C204	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C205	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C206	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C207	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C208	1-126-396-11	s	ELECT, CHIP 47uF 20% 16V
C209	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C210	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C211	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C212	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C213	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
CN201	1-764-129-11	s	CONNECTOR, FPC 15P
CN202	1-764-129-11	s	CONNECTOR, FPC 15P
CN203	1-565-189-11	s	CONNECTOR, FPC 36P
CN204	1-563-140-11	s	SOCKET, CONNECTOR 9P
CN205	1-778-663-11	o	CONNECTOR, BB 6P,FEMALE
CN206	1-565-189-11	s	CONNECTOR, FPC 36P
CN207	1-766-716-11	o	CONNECTOR, BB 3P,MALE
CN208	1-691-395-11	s	CONNECTOR, FPC 6P
CN209	1-563-140-11	s	SOCKET, CONNECTOR 9P
CN210	1-506-467-11	s	CONNECTOR, 2P, MALE
CN211	1-564-004-11	o	PIN, CONNECTOR 5P
CN212	1-766-723-11	s	CONNECTOR, BB 3P,FEMALE
CN221	1-566-767-11	s	PIN, CONNECTOR 12P
D1	8-719-938-07	s	DIODE GL480
D2	8-719-938-07	s	DIODE GL480

(MS-43 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
D101	8-719-800-76	s	DIODE 1SS226
IC1	8-759-469-25	s	IC AK6440AF-E2
IC2	8-759-700-07	s	IC NJM2903M
IC101	8-759-288-80	s	IC TA8424F(TP2)
IC102	8-759-106-02	s	IC UPC4570G2
IC103	8-759-106-02	s	IC UPC4570G2
IC104	8-759-700-07	s	IC NJM2903M
IC201	8-759-106-02	s	IC UPC4570G2
IC202	8-759-399-64	s	IC LB1857M-TE-L
Q1	8-729-903-81	s	PHOTO TRANSISTOR PT480
Q2	8-729-903-81	s	PHOTO TRANSISTOR PT480
R1	1-216-628-11	s	METAL, CHIP 110 0.5% 1/10W
R3	1-216-031-00	s	METAL, CHIP 180 5% 1/10W
R4	1-216-628-11	s	METAL, CHIP 110 0.5% 1/10W
R5	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R6	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R7	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R8	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R10	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R11	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R14	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R15	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R16	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R17	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R18	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R19	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R20	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R21	1-216-035-00	s	METAL, CHIP 270 5% 1/10W
R22	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R23	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R24	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R25	1-216-672-11	s	METAL, CHIP 7.5k 0.5% 1/10W
R26	1-216-670-11	s	METAL, CHIP 6.2k 0.5% 1/10W
R27	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R101	1-216-111-00	s	METAL 390k 5% 1/10W
R102	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R103	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R104	1-216-109-00	s	METAL, CHIP 330k 5% 1/10W
R105	1-220-230-11	s	METAL, CHIP 2.2 10% 1/4W
R106	1-220-230-11	s	METAL, CHIP 2.2 10% 1/4W
R107	1-220-230-11	s	METAL, CHIP 2.2 10% 1/4W
R108	1-220-230-11	s	METAL, CHIP 2.2 10% 1/4W
R109	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R110	1-220-231-11	s	METAL, CHIP 2.7 10% 1/4W
R111	1-220-230-11	s	METAL, CHIP 2.2 10% 1/4W
R113	1-216-031-00	s	METAL, CHIP 180 5% 1/10W
R114	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R115	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R116	1-220-231-11	s	METAL, CHIP 2.7 10% 1/4W
R117	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R119	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R120	1-220-231-11	s	METAL, CHIP 2.7 10% 1/4W
R121	1-216-027-00	s	METAL, CHIP 120 5% 1/10W
R123	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R124	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R125	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R126	1-216-101-00	s	METAL, CHIP 150k 5% 1/10W

(MS-43 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
R127	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R128	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R129	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R130	1-216-113-00	s	METAL, CHIP 470k 5% 1/10W
R131	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R201	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R202	1-216-691-11	s	METAL, CHIP 47k 0.5% 1/10W
R203	1-216-691-11	s	METAL, CHIP 47k 0.5% 1/10W
R204	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R205	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R206	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R207	1-218-760-11	s	METAL, CHIP 220k 0.5% 1/10W
R208	1-218-760-11	s	METAL, CHIP 220k 0.5% 1/10W
R209	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R210	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R211	1-216-308-00	s	METAL, CHIP 4.7 5% 1/10W
R212	1-216-308-00	s	METAL, CHIP 4.7 5% 1/10W
R213	1-216-308-00	s	METAL, CHIP 4.7 5% 1/10W
R214	1-216-031-00	s	METAL, CHIP 180 5% 1/10W
TH1	1-809-357-21	s	THERMISTOR, CHIP 10k

PRE-32 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8277-882-B	o	MOUNTED CIRCUIT BOARD, PRE-32
C1	1-126-392-11	s	ELECT, CHIP 100uF 20% 6.3V
C2	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C101	1-165-128-11	s	CERAMIC 0.22uF 16V
C104	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C105	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C106	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C107	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C108	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C109	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C110	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C111	1-162-968-11	s	CERAMIC, CHIP 0.0047uF 10% 50V
C112	1-162-968-11	s	CERAMIC, CHIP 0.0047uF 10% 50V
C113	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C115	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C120	1-162-924-11	s	CERAMIC, CHIP 56pF 5% 50V
C121	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C151	1-165-128-11	s	CERAMIC 0.22uF 16V
C154	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C155	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C156	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C157	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C158	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C159	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C160	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C161	1-162-968-11	s	CERAMIC, CHIP 0.0047uF 10% 50V
C162	1-162-968-11	s	CERAMIC, CHIP 0.0047uF 10% 50V
C163	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C165	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C170	1-162-924-11	s	CERAMIC, CHIP 56pF 5% 50V
C192	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C194	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C201	1-165-128-11	s	CERAMIC 0.22uF 16V
C204	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C205	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C206	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C207	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C208	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C209	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C210	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C211	1-162-968-11	s	CERAMIC, CHIP 0.0047uF 10% 50V
C212	1-162-968-11	s	CERAMIC, CHIP 0.0047uF 10% 50V
C213	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C215	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C220	1-162-924-11	s	CERAMIC, CHIP 56pF 5% 50V
C221	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C251	1-165-128-11	s	CERAMIC 0.22uF 16V
C254	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C255	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C256	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C257	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C258	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C259	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C260	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C261	1-162-968-11	s	CERAMIC, CHIP 0.0047uF 10% 50V
C262	1-162-968-11	s	CERAMIC, CHIP 0.0047uF 10% 50V
C263	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C265	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V

(PRE-32 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
C270	1-162-924-11	s	CERAMIC, CHIP 56pF 5% 50V
C292	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C294	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C301	1-165-128-11	s	CERAMIC 0.22uF 16V
C304	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C305	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C306	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C307	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C308	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C309	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C310	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C311	1-162-968-11	s	CERAMIC, CHIP 0.0047uF 10% 50V
C312	1-162-968-11	s	CERAMIC, CHIP 0.0047uF 10% 50V
C313	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C315	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C316	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C320	1-162-915-11	s	CERAMIC, CHIP 10pF 0.5pF 50V
C351	1-165-128-11	s	CERAMIC 0.22uF 16V
C354	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C355	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C356	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C357	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C358	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C359	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C360	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C361	1-162-968-11	s	CERAMIC, CHIP 0.0047uF 10% 50V
C362	1-162-968-11	s	CERAMIC, CHIP 0.0047uF 10% 50V
C363	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C365	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C370	1-162-915-11	s	CERAMIC, CHIP 10pF 0.5pF 50V
C392	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C394	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C401	1-165-128-11	s	CERAMIC 0.22uF 16V
C404	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C405	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C406	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C407	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C408	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C409	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C410	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C411	1-162-968-11	s	CERAMIC, CHIP 0.0047uF 10% 50V
C412	1-162-968-11	s	CERAMIC, CHIP 0.0047uF 10% 50V
C413	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C415	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C416	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C420	1-162-915-11	s	CERAMIC, CHIP 10pF 0.5pF 50V
C451	1-165-128-11	s	CERAMIC 0.22uF 16V
C454	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C455	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C456	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C457	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C458	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C459	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C460	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C461	1-162-968-11	s	CERAMIC, CHIP 0.0047uF 10% 50V
C462	1-162-968-11	s	CERAMIC, CHIP 0.0047uF 10% 50V
C463	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C465	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C470	1-162-915-11	s	CERAMIC, CHIP 10pF 0.5pF 50V

(PRE-32 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
C492	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C494	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
CN101	1-774-911-11	s	CONNECTOR, FPC 11P
CN102	1-774-911-11	s	CONNECTOR, FPC 11P
CN103	1-562-686-11	o	CONNECTOR, FPC 26P
L1	1-424-674-11	s	COIL, CHOKE 22uH
L101	1-414-404-11	s	INDUCTOR 100uH
L102	1-414-404-11	s	INDUCTOR 100uH
L151	1-414-404-11	s	INDUCTOR 100uH
L152	1-414-404-11	s	INDUCTOR 100uH
L201	1-414-404-11	s	INDUCTOR 100uH
L202	1-414-404-11	s	INDUCTOR 100uH
L251	1-414-404-11	s	INDUCTOR 100uH
L252	1-414-404-11	s	INDUCTOR 100uH
L301	1-414-404-11	s	INDUCTOR 100uH
L302	1-414-404-11	s	INDUCTOR 100uH
L351	1-414-404-11	s	INDUCTOR 100uH
L352	1-414-404-11	s	INDUCTOR 100uH
L401	1-414-404-11	s	INDUCTOR 100uH
L402	1-414-404-11	s	INDUCTOR 100uH
L451	1-414-404-11	s	INDUCTOR 100uH
L452	1-414-404-11	s	INDUCTOR 100uH
PS1	⚠ 1-533-282-21	s	LINK, IC, CHIP 2A
Q1	8-729-806-76	s	TRANSISTOR 2SB1120-G
Q2	8-729-202-38	s	TRANSISTOR 2SC3326N
Q3	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q4	8-729-202-38	s	TRANSISTOR 2SC3326N
Q5	8-729-806-76	s	TRANSISTOR 2SB1120-G
Q6	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q7	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q101	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q101	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q102	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q102	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q103	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q103	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q104	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q104	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q105	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q105	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q106	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q106	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q107	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q107	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q108	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q108	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q109	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q109	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q110	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q110	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q116	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q117	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q120	8-729-921-69	s	TRANSISTOR IMX4-T109
Q151	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q151	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q152	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q152	8-729-040-46	s	TRANSISTOR 2SK322WRTL

(PRE-32 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
Q153	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q153	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q154	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q154	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q155	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q155	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q156	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q156	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q157	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q157	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q158	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q158	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q159	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q159	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q160	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q160	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q166	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q167	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q170	8-729-921-69	s	TRANSISTOR IMX4-T109
Q191	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q201	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q201	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q202	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q202	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q203	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q203	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q204	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q204	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q205	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q205	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q206	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q206	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q207	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q207	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q208	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q208	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q209	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q209	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q210	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q210	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q216	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q217	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q220	8-729-921-69	s	TRANSISTOR IMX4-T109
Q251	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q251	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q252	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q252	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q253	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q253	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q254	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q254	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q255	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q255	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q256	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q256	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q257	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q257	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q258	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q258	8-729-040-46	s	TRANSISTOR 2SK322WRTL

(PRE-32 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
Q259	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q259	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q260	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q260	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q266	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q267	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q270	8-729-921-69	s	TRANSISTOR IMX4-T109
Q291	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q301	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q302	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q302	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q303	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q303	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q304	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q304	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q305	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q305	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q306	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q307	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q307	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q308	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q308	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q309	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q309	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q310	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q310	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q311	8-729-202-38	s	TRANSISTOR 2SC3326N
Q312	8-729-202-38	s	TRANSISTOR 2SC3326N
Q313	8-729-202-38	s	TRANSISTOR 2SC3326N
Q314	8-729-202-38	s	TRANSISTOR 2SC3326N
Q315	8-729-202-38	s	TRANSISTOR 2SC3326N
Q316	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q317	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q320	8-729-921-69	s	TRANSISTOR IMX4-T109
Q351	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q352	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q352	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q353	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q353	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q354	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q354	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q355	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q355	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q356	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q357	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q357	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q358	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q358	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q359	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q359	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q360	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q360	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q361	8-729-202-38	s	TRANSISTOR 2SC3326N
Q362	8-729-202-38	s	TRANSISTOR 2SC3326N
Q363	8-729-202-38	s	TRANSISTOR 2SC3326N
Q364	8-729-202-38	s	TRANSISTOR 2SC3326N
Q365	8-729-202-38	s	TRANSISTOR 2SC3326N
Q366	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q367	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35

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Ref. No. or Q'ty	Part No.	SP	Description
Q370	8-729-921-69	s	TRANSISTOR IMX4-T109
Q391	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q401	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q402	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q402	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q403	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q403	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q404	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q404	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q405	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q405	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q406	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q407	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q407	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q408	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q408	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q409	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q409	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q410	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q410	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q411	8-729-202-38	s	TRANSISTOR 2SC3326N
Q412	8-729-202-38	s	TRANSISTOR 2SC3326N
Q413	8-729-202-38	s	TRANSISTOR 2SC3326N
Q414	8-729-202-38	s	TRANSISTOR 2SC3326N
Q415	8-729-202-38	s	TRANSISTOR 2SC3326N
Q416	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q417	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q420	8-729-921-69	s	TRANSISTOR IMX4-T109
Q451	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q452	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q452	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q453	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q453	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q454	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q454	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q455	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q455	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q456	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q457	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q457	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q458	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q458	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q459	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q459	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q460	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q460	8-729-040-46	s	TRANSISTOR 2SK322WRTL
Q461	8-729-202-38	s	TRANSISTOR 2SC3326N
Q462	8-729-202-38	s	TRANSISTOR 2SC3326N
Q463	8-729-202-38	s	TRANSISTOR 2SC3326N
Q464	8-729-202-38	s	TRANSISTOR 2SC3326N
Q465	8-729-202-38	s	TRANSISTOR 2SC3326N
Q466	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q467	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q470	8-729-921-69	s	TRANSISTOR IMX4-T109
Q491	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
R1	1-216-035-00	s	METAL, CHIP 270 5% 1/10W
R2	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R3	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R4	1-216-814-11	s	METAL, CHIP 270 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R5	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R6	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R9	1-216-821-11	s	METAL, CHIP 1k 5% 1/16W
R10	1-216-837-11	s	METAL, CHIP 22k 5% 1/16W
R11	1-216-841-11	s	METAL, CHIP 47k 5% 1/16W
R101	1-218-740-11	s	METAL 100k 0.5% 1/16W
R102	1-218-740-11	s	METAL 100k 0.5% 1/16W
R103	1-216-804-11	s	METAL, CHIP 39 5% 1/16W
R104	1-216-804-11	s	METAL, CHIP 39 5% 1/16W
R113	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R114	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R115	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R116	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R117	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R118	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R120	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R121	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R124	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R125	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R126	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R127	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R128	1-218-702-11	s	METAL, CHIP 2.7k 0.5% 1/16W
R129	1-218-691-11	s	METAL, CHIP 910 0.5% 1/16W
R132	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R133	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R134	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R135	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R136	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R137	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R151	1-218-740-11	s	METAL 100k 0.5% 1/16W
R152	1-218-740-11	s	METAL 100k 0.5% 1/16W
R153	1-216-804-11	s	METAL, CHIP 39 5% 1/16W
R154	1-216-804-11	s	METAL, CHIP 39 5% 1/16W
R163	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R164	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R165	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R166	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R167	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R168	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R170	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R171	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R174	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R175	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R176	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R177	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R178	1-218-702-11	s	METAL, CHIP 2.7k 0.5% 1/16W
R179	1-218-691-11	s	METAL, CHIP 910 0.5% 1/16W
R182	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R183	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R184	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R185	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R186	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R187	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R191	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R201	1-218-740-11	s	METAL 100k 0.5% 1/16W
R202	1-218-740-11	s	METAL 100k 0.5% 1/16W
R203	1-216-804-11	s	METAL, CHIP 39 5% 1/16W
R204	1-216-804-11	s	METAL, CHIP 39 5% 1/16W
R213	1-216-023-00	s	METAL, CHIP 82 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R214	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R215	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R216	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R217	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R218	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R220	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R221	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R224	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R225	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R226	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R227	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R228	1-218-702-11	s	METAL, CHIP 2.7k 0.5% 1/16W
R229	1-218-691-11	s	METAL, CHIP 910 0.5% 1/16W
R232	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R233	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R234	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R235	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R236	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R237	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R251	1-218-740-11	s	METAL 100k 0.5% 1/16W
R252	1-218-740-11	s	METAL 100k 0.5% 1/16W
R253	1-216-804-11	s	METAL, CHIP 39 5% 1/16W
R254	1-216-804-11	s	METAL, CHIP 39 5% 1/16W
R263	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R264	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R265	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R266	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R267	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R268	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R270	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R271	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R274	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R275	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R276	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R277	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R278	1-218-702-11	s	METAL, CHIP 2.7k 0.5% 1/16W
R279	1-218-691-11	s	METAL, CHIP 910 0.5% 1/16W
R282	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R283	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R284	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R285	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R286	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R287	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R291	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R301	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W
R302	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W
R303	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R304	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R305	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R306	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R307	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R308	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R311	1-218-740-11	s	METAL 100k 0.5% 1/16W
R312	1-218-740-11	s	METAL 100k 0.5% 1/16W
R313	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R314	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R315	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R316	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R317	1-216-023-00	s	METAL, CHIP 82 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R318	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R320	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R321	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R322	1-216-845-11	s	METAL, CHIP 100k 5% 1/16W
R323	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R324	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R325	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R326	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R327	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R328	1-218-702-11	s	METAL, CHIP 2.7k 0.5% 1/16W
R329	1-218-696-11	s	METAL, CHIP 1.5k 0.5% 1/16W
R332	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R333	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R334	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R335	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R336	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R337	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R351	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W
R352	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W
R353	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R354	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R355	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R356	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R357	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R358	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R361	1-218-740-11	s	METAL 100k 0.5% 1/16W
R362	1-218-740-11	s	METAL 100k 0.5% 1/16W
R363	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R364	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R365	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R366	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R367	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R368	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R370	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R371	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R372	1-216-845-11	s	METAL, CHIP 100k 5% 1/16W
R373	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R374	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R375	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R376	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R377	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R378	1-218-702-11	s	METAL, CHIP 2.7k 0.5% 1/16W
R379	1-218-696-11	s	METAL, CHIP 1.5k 0.5% 1/16W
R382	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R383	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R384	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R385	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R386	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R387	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R391	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R401	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W
R402	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W
R403	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R404	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R405	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R406	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R407	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R408	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R411	1-218-740-11	s	METAL 100k 0.5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R412	1-218-740-11	s	METAL 100k 0.5% 1/16W
R413	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R414	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R415	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R416	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R417	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R418	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R420	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R421	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R422	1-216-845-11	s	METAL, CHIP 100k 5% 1/16W
R423	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R424	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R425	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R426	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R427	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R428	1-218-702-11	s	METAL, CHIP 2.7k 0.5% 1/16W
R429	1-218-696-11	s	METAL, CHIP 1.5k 0.5% 1/16W
R432	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R433	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R434	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R435	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R436	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R437	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R451	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W
R452	1-218-679-91	s	METAL, CHIP 300 0.5% 1/16W
R453	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R454	1-216-864-11	s	METAL, CHIP 0 5% 1/16W
R455	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R456	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R457	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R458	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R461	1-218-740-11	s	METAL 100k 0.5% 1/16W
R462	1-218-740-11	s	METAL 100k 0.5% 1/16W
R463	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R464	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R465	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R466	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R467	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R468	1-216-023-00	s	METAL, CHIP 82 5% 1/10W
R470	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R471	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R472	1-216-845-11	s	METAL, CHIP 100k 5% 1/16W
R473	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R474	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R475	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R476	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R477	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R478	1-218-702-11	s	METAL, CHIP 2.7k 0.5% 1/16W
R479	1-218-696-11	s	METAL, CHIP 1.5k 0.5% 1/16W
R482	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R483	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R484	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R485	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R486	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R487	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R491	1-216-809-11	s	METAL, CHIP 100 5% 1/16W

PTC-84 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-662-908-11	o	PRINTED CIRCUIT BOARD, PTC-84
CN220	1-566-767-11	s	PIN, CONNECTOR 12P
CN222	1-564-002-11	s	PIN, CONNECTOR 3P
CN223	1-506-468-11	s	CONNECTOR, 3P, MALE
CN224	1-564-001-11	o	CONNECTOR, 2P, MALE
PH1	8-719-991-24	s	PHOTO TRANSISTOR GP1S23
PH2	8-719-991-24	s	PHOTO TRANSISTOR GP1S23

PTC-85 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-662-909-11	o	PRINTED CIRCUIT BOARD, PTC-85
CN26	1-766-716-11	o	CONNECTOR, BB 3P,MALE
Q1	8-729-926-31	s	PHOTO TRANSISTOR PT483F1S

PTC-86 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-662-910-11	o	PRINTED CIRCUIT BOARD, PTC-86
CN24	1-565-876-11	o	PIN, CONNECTOR (PC BOARD) 4P
CN25	1-778-662-11	o	CONNECTOR, BB 6P, MALE
Q1	8-729-926-31	s	PHOTO TRANSISTOR PT483F1S

PTC-87 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-662-911-11	o	PRINTED CIRCUIT BOARD, PTC-87
CN23	1-766-723-11	s	CONNECTOR, BB 3P, FEMALE
D1	8-719-057-82	s	DIODE TLN115A

PTC-88 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-662-912-11	o	PRINTED CIRCUIT BOARD, PTC-88
CN21	1-506-484-11	s	CONNECTOR, 5P, MALE
CN22	1-506-481-11	s	CONNECTOR, 2P, MALE
PH1	8-719-939-05	s	PHOTOINTERRUPTER GP-1S54

REC-32 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8318-779-A	o	MOUNTED CIRCUIT BOARD, REC-32
C101	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C102	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C103	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C104	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C105	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C106	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C107	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C108	1-164-005-11	s	CERAMIC, CHIP 0.47uF 25V
C109	1-164-005-11	s	CERAMIC, CHIP 0.47uF 25V
C110	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C111	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C112	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C113	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C114	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C115	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C116	1-163-253-11	s	CERAMIC, CHIP 120pF 5% 50V
C117	1-162-915-11	s	CERAMIC, CHIP 10pF 0.5pF 50V
C141	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C142	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C143	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C144	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C151	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C152	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C153	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C154	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C155	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C156	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C157	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C158	1-164-005-11	s	CERAMIC, CHIP 0.47uF 25V
C159	1-164-005-11	s	CERAMIC, CHIP 0.47uF 25V
C160	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C161	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C162	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C163	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C164	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C166	1-163-253-11	s	CERAMIC, CHIP 120pF 5% 50V
C167	1-162-915-11	s	CERAMIC, CHIP 10pF 0.5pF 50V
C168	1-126-390-11	s	ELECT, CHIP 22uF 20% 6.3V
C169	1-126-390-11	s	ELECT, CHIP 22uF 20% 6.3V
C171	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C172	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C192	1-110-569-11	s	TANTALUM, CHIP 47uF 20% 6.3V
C201	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C202	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C203	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C204	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C205	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C206	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C207	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C208	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C209	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C210	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C211	1-163-222-11	s	CERAMIC 5pF 0.25pF 50V
C212	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C213	1-163-222-11	s	CERAMIC 5pF 0.25pF 50V
C214	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C215	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V

(REC-32 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
C216	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C217	1-162-918-11	s	CERAMIC, CHIP 18pF 5% 50V
C218	1-161-494-00	s	CERAMIC 0.022uF 25V
C219	1-161-494-00	s	CERAMIC 0.022uF 25V
C221	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C222	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C223	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C224	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C228	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C229	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C230	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C231	1-163-222-11	s	CERAMIC 5pF 0.25pF 50V
C232	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C233	1-163-222-11	s	CERAMIC 5pF 0.25pF 50V
C234	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C235	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C236	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C237	1-162-922-11	s	CERAMIC, CHIP 39pF 5% 50V
C241	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C242	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C243	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C244	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C245	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C246	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C247	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C248	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C249	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C250	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C251	1-163-222-11	s	CERAMIC 5pF 0.25pF 50V
C252	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C253	1-163-222-11	s	CERAMIC 5pF 0.25pF 50V
C254	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C255	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C257	1-162-918-11	s	CERAMIC, CHIP 18pF 5% 50V
C261	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C262	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C263	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C264	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C268	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C269	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C270	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C271	1-163-222-11	s	CERAMIC 5pF 0.25pF 50V
C272	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C273	1-163-222-11	s	CERAMIC 5pF 0.25pF 50V
C274	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C275	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C277	1-162-922-11	s	CERAMIC, CHIP 39pF 5% 50V
C301	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V
C302	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V
C303	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C304	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C305	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C306	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C307	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V
C308	1-162-927-11	s	CERAMIC, CHIP 100pF 5% 50V
C309	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C310	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C311	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V
C312	1-115-416-11	s	CERAMIC, CHIP 1000pF 5% 25V

(REC-32 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
C314	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C315	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C316	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C317	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C320	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C321	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C322	1-164-383-11	s	CERAMIC 110pF 5% 50V
C323	1-164-383-11	s	CERAMIC 110pF 5% 50V
C330	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C331	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C332	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C333	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C334	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C335	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C336	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C337	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C338	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C339	1-104-852-11	s	TANTALUM, CHIP 22uF 20% 10V
C340	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C341	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V
C342	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C343	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V
C344	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C345	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V
C346	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C347	1-119-751-11	s	TANTALUM, CHIP 22uF 20% 16V
C348	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C401	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C402	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C403	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C404	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C405	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C406	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C407	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C408	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C409	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C410	1-164-156-11	s	CERAMIC, CHIP 0.1uF 25V
C411	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C412	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C413	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C414	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
CN101	1-774-911-11	s	CONNECTOR, FPC 11P
CN102	1-563-018-11	o	CONNECTOR, FPC 34P
CN103	1-691-395-11	s	CONNECTOR, FPC 6P
FB301	1-543-813-21	s	CHOKE, NOISE, CHIP
FB302	1-543-813-21	s	CHOKE, NOISE, CHIP
FB303	1-543-813-21	s	CHOKE, NOISE, CHIP
FB304	1-543-813-21	s	CHOKE, NOISE, CHIP
FB305	1-412-364-11	s	INDUCTOR 0UH
FB306	1-412-364-11	s	INDUCTOR 0UH
FB311	1-412-364-11	s	INDUCTOR 0UH
FB312	1-412-364-11	s	INDUCTOR 0UH
IC201	8-759-012-13	s	IC MC10H125M
IC202	8-759-012-00	s	IC MC10H116M
IC203	8-759-012-13	s	IC MC10H125M
IC204	8-759-012-00	s	IC MC10H116M
IC401	8-759-441-31	s	IC MC14053BDTR2

(REC-32 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
IC402	8-759-441-31	s	IC MC14053BDTR2
IC404	8-759-068-03	s	IC NJM79L09UA
L101	1-414-407-11	s	INDUCTOR 330uH
L102	1-414-407-11	s	INDUCTOR 330uH
L103	1-409-556-11	s	COIL, CHOKE 47uH
L104	1-414-398-11	s	INDUCTOR, CHIP 10uH
L105	1-414-398-11	s	INDUCTOR, CHIP 10uH
L106	1-414-398-11	s	INDUCTOR, CHIP 10uH
L107	1-414-398-11	s	INDUCTOR, CHIP 10uH
L108	1-414-398-11	s	INDUCTOR, CHIP 10uH
L151	1-414-407-11	s	INDUCTOR 330uH
L152	1-414-407-11	s	INDUCTOR 330uH
L201	1-412-170-11	s	INDUCTOR 0.47uH
L202	1-412-170-11	s	INDUCTOR 0.47uH
L211	1-412-170-11	s	INDUCTOR 0.47uH
L212	1-412-170-11	s	INDUCTOR 0.47uH
L221	1-412-170-11	s	INDUCTOR 0.47uH
L222	1-412-170-11	s	INDUCTOR 0.47uH
L231	1-412-170-11	s	INDUCTOR 0.47uH
L232	1-412-170-11	s	INDUCTOR 0.47uH
L301	1-414-398-11	s	INDUCTOR, CHIP 10uH
L302	1-414-398-11	s	INDUCTOR, CHIP 10uH
L303	1-414-398-11	s	INDUCTOR, CHIP 10uH
L304	1-414-398-11	s	INDUCTOR, CHIP 10uH
L305	1-414-398-11	s	INDUCTOR, CHIP 10uH
L307	1-410-381-11	s	INDUCTOR CHIP 10uH
L308	1-410-381-11	s	INDUCTOR CHIP 10uH
L309	1-410-381-11	s	INDUCTOR CHIP 10uH
L310	1-410-381-11	s	INDUCTOR CHIP 10uH
PS101	⚠ 1-576-124-11	s	LINK, IC 1A
PS301	⚠ 1-533-539-11	s	LINK, IC, CHIP 0.52A
PS302	⚠ 1-576-124-11	s	LINK, IC 1A
PS401	⚠ 1-533-539-11	s	LINK, IC, CHIP 0.52A
Q101	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q102	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q103	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q104	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q105	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q106	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q107	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q108	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q109	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q110	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q111	8-729-202-38	s	TRANSISTOR 2SC3326N
Q112	8-729-202-38	s	TRANSISTOR 2SC3326N
Q113	8-729-202-38	s	TRANSISTOR 2SC3326N
Q114	8-729-202-38	s	TRANSISTOR 2SC3326N
Q115	8-729-202-38	s	TRANSISTOR 2SC3326N
Q116	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q117	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q120	8-729-921-69	s	TRANSISTOR IMX4-T109
Q141	8-729-202-38	s	TRANSISTOR 2SC3326N
Q142	8-729-202-38	s	TRANSISTOR 2SC3326N
Q143	8-729-202-38	s	TRANSISTOR 2SC3326N
Q144	8-729-202-38	s	TRANSISTOR 2SC3326N
Q151	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q152	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q153	8-729-034-25	s	TRANSISTOR 2SK322WQTL

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Ref. No. or Q'ty	Part No.	SP	Description
Q154	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q155	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q156	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q157	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q158	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q159	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q160	8-729-034-25	s	TRANSISTOR 2SK322WQTL
Q161	8-729-202-38	s	TRANSISTOR 2SC3326N
Q162	8-729-202-38	s	TRANSISTOR 2SC3326N
Q163	8-729-202-38	s	TRANSISTOR 2SC3326N
Q164	8-729-202-38	s	TRANSISTOR 2SC3326N
Q165	8-729-202-38	s	TRANSISTOR 2SC3326N
Q166	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q167	8-729-140-47	s	TRANSISTOR 2SC3735-T2B-B35
Q170	8-729-921-69	s	TRANSISTOR IMX4-T109
Q191	8-729-106-68	s	TRANSISTOR 2SC1615A-GP
Q201	8-729-202-38	s	TRANSISTOR 2SC3326N
Q202	8-729-202-38	s	TRANSISTOR 2SC3326N
Q203	8-729-202-38	s	TRANSISTOR 2SC3326N
Q204	8-729-202-38	s	TRANSISTOR 2SC3326N
Q205	8-729-031-37	s	TRANSISTOR 2SC3837KT146Q
Q206	8-729-031-37	s	TRANSISTOR 2SC3837KT146Q
Q207	8-729-202-38	s	TRANSISTOR 2SC3326N
Q208	8-729-202-38	s	TRANSISTOR 2SC3326N
Q209	8-729-926-27	s	TRANSISTOR FMW10
Q210	8-729-926-27	s	TRANSISTOR FMW10
Q211	8-729-202-38	s	TRANSISTOR 2SC3326N
Q212	8-729-202-38	s	TRANSISTOR 2SC3326N
Q215	8-729-031-37	s	TRANSISTOR 2SC3837KT146Q
Q216	8-729-031-37	s	TRANSISTOR 2SC3837KT146Q
Q217	8-729-202-38	s	TRANSISTOR 2SC3326N
Q218	8-729-202-38	s	TRANSISTOR 2SC3326N
Q219	8-729-926-27	s	TRANSISTOR FMW10
Q220	8-729-926-27	s	TRANSISTOR FMW10
Q221	8-729-202-38	s	TRANSISTOR 2SC3326N
Q222	8-729-202-38	s	TRANSISTOR 2SC3326N
Q225	8-729-031-37	s	TRANSISTOR 2SC3837KT146Q
Q226	8-729-031-37	s	TRANSISTOR 2SC3837KT146Q
Q227	8-729-202-38	s	TRANSISTOR 2SC3326N
Q228	8-729-202-38	s	TRANSISTOR 2SC3326N
Q229	8-729-926-27	s	TRANSISTOR FMW10
Q230	8-729-926-27	s	TRANSISTOR FMW10
Q231	8-729-202-38	s	TRANSISTOR 2SC3326N
Q232	8-729-202-38	s	TRANSISTOR 2SC3326N
Q235	8-729-031-37	s	TRANSISTOR 2SC3837KT146Q
Q236	8-729-031-37	s	TRANSISTOR 2SC3837KT146Q
Q237	8-729-202-38	s	TRANSISTOR 2SC3326N
Q238	8-729-202-38	s	TRANSISTOR 2SC3326N
Q239	8-729-926-27	s	TRANSISTOR FMW10
Q240	8-729-926-27	s	TRANSISTOR FMW10
Q301	8-729-907-46	s	TRANSISTOR IMZ1
Q302	8-729-907-46	s	TRANSISTOR IMZ1
Q305	8-729-902-96	s	TRANSISTOR FMS1
Q306	8-729-902-96	s	TRANSISTOR FMS1
Q307	8-729-122-63	s	TRANSISTOR 2SA1226
Q308	8-729-122-63	s	TRANSISTOR 2SA1226
Q309	8-729-202-38	s	TRANSISTOR 2SC3326N
Q310	8-729-202-38	s	TRANSISTOR 2SC3326N
Q401	8-729-907-00	s	TRANSISTOR DTC114EU

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Ref. No. or Q'ty	Part No.	SP	Description
Q402	8-729-028-73	s	TRANSISTOR DTA114EUA-T106
Q403	8-729-202-38	s	TRANSISTOR 2SC3326N
Q404	8-729-202-38	s	TRANSISTOR 2SC3326N
Q405	8-729-903-10	s	TRANSISTOR FMW1
Q406	8-729-903-10	s	TRANSISTOR FMW1
R101	1-218-827-11	s	METAL, CHIP 150 0.5% 1/16W
R102	1-218-827-11	s	METAL, CHIP 150 0.5% 1/16W
R103	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R104	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R109	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R110	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R111	1-208-752-11	s	METAL, CHIP 56 0.5% 1/10W
R112	1-208-752-11	s	METAL, CHIP 56 0.5% 1/10W
R113	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R114	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R115	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R116	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R117	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R118	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R120	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R121	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R122	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R123	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R124	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R125	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R126	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R127	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R128	1-208-792-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R129	1-216-655-11	s	METAL, CHIP 1.5k 0.5% 1/10W
R132	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R133	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R134	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R135	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R136	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R137	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R141	1-216-845-11	s	METAL, CHIP 100k 5% 1/16W
R142	1-216-845-11	s	METAL, CHIP 100k 5% 1/16W
R143	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R144	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R145	1-218-863-11	s	METAL, CHIP 4.7k 0.5% 1/16W
R146	1-218-863-11	s	METAL, CHIP 4.7k 0.5% 1/16W
R147	1-216-845-11	s	METAL, CHIP 100k 5% 1/16W
R148	1-216-845-11	s	METAL, CHIP 100k 5% 1/16W
R149	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R150	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R151	1-218-827-11	s	METAL, CHIP 150 0.5% 1/16W
R152	1-218-827-11	s	METAL, CHIP 150 0.5% 1/16W
R153	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R154	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R159	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R160	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R161	1-208-752-11	s	METAL, CHIP 56 0.5% 1/10W
R162	1-208-752-11	s	METAL, CHIP 56 0.5% 1/10W
R163	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R164	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R165	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R166	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R167	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R168	1-216-808-11	s	METAL, CHIP 82 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R169	1-218-863-11	s	METAL, CHIP 4.7k 0.5% 1/16W
R170	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R171	1-216-808-11	s	METAL, CHIP 82 5% 1/16W
R172	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R173	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R174	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R175	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R176	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R177	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R178	1-208-792-11	s	METAL, CHIP 2.7k 0.5% 1/10W
R179	1-216-655-11	s	METAL, CHIP 1.5k 0.5% 1/10W
R180	1-218-863-11	s	METAL, CHIP 4.7k 0.5% 1/16W
R182	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R183	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R184	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R185	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R186	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R187	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R191	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R201	1-216-829-11	s	METAL, CHIP 4.7k 5% 1/16W
R202	1-216-829-11	s	METAL, CHIP 4.7k 5% 1/16W
R203	1-218-670-11	s	METAL 120 0.5% 1/16W
R204	1-218-661-11	s	METAL 51 0.5% 1/16W
R205	1-218-661-11	s	METAL 51 0.5% 1/16W
R206	1-218-676-11	s	METAL 220 0.5% 1/16W
R207	1-218-706-11	s	METAL 3.9k 0.5% 1/16W
R208	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R209	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R210	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R211	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R212	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R214	1-216-829-11	s	METAL, CHIP 4.7k 5% 1/16W
R215	1-216-829-11	s	METAL, CHIP 4.7k 5% 1/16W
R216	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R217	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R220	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R221	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R222	1-216-825-11	s	METAL, CHIP 2.2k 5% 1/16W
R223	1-216-822-11	s	METAL, CHIP 1.2k 5% 1/16W
R231	1-216-829-11	s	METAL, CHIP 4.7k 5% 1/16W
R232	1-216-829-11	s	METAL, CHIP 4.7k 5% 1/16W
R233	1-218-670-11	s	METAL 120 0.5% 1/16W
R234	1-218-661-11	s	METAL 51 0.5% 1/16W
R235	1-218-661-11	s	METAL 51 0.5% 1/16W
R236	1-218-676-11	s	METAL 220 0.5% 1/16W
R237	1-218-706-11	s	METAL 3.9k 0.5% 1/16W
R238	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R239	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R240	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R241	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R242	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R244	1-216-829-11	s	METAL, CHIP 4.7k 5% 1/16W
R245	1-216-829-11	s	METAL, CHIP 4.7k 5% 1/16W
R246	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R247	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R251	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R252	1-216-825-11	s	METAL, CHIP 2.2k 5% 1/16W
R253	1-216-822-11	s	METAL, CHIP 1.2k 5% 1/16W
R261	1-216-829-11	s	METAL, CHIP 4.7k 5% 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R262	1-216-829-11	s	METAL, CHIP 4.7k 5% 1/16W
R263	1-218-670-11	s	METAL 120 0.5% 1/16W
R264	1-218-661-11	s	METAL 51 0.5% 1/16W
R265	1-218-661-11	s	METAL 51 0.5% 1/16W
R266	1-218-676-11	s	METAL 220 0.5% 1/16W
R267	1-218-706-11	s	METAL 3.9k 0.5% 1/16W
R268	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R269	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R270	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R271	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R272	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R274	1-216-829-11	s	METAL, CHIP 4.7k 5% 1/16W
R275	1-216-829-11	s	METAL, CHIP 4.7k 5% 1/16W
R276	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R277	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R280	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R281	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R282	1-216-825-11	s	METAL, CHIP 2.2k 5% 1/16W
R283	1-216-822-11	s	METAL, CHIP 1.2k 5% 1/16W
R291	1-216-829-11	s	METAL, CHIP 4.7k 5% 1/16W
R292	1-216-829-11	s	METAL, CHIP 4.7k 5% 1/16W
R293	1-218-670-11	s	METAL 120 0.5% 1/16W
R294	1-218-661-11	s	METAL 51 0.5% 1/16W
R295	1-218-661-11	s	METAL 51 0.5% 1/16W
R296	1-218-676-11	s	METAL 220 0.5% 1/16W
R297	1-218-706-11	s	METAL 3.9k 0.5% 1/16W
R298	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R299	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R303	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R304	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R305	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R306	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R307	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R308	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R309	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R310	1-216-813-11	s	METAL, CHIP 220 5% 1/16W
R313	1-218-847-11	s	METAL, CHIP 1k 0.5% 1/16W
R314	1-218-873-11	s	METAL, CHIP 12k 0.5% 1/16W
R315	1-218-847-11	s	METAL, CHIP 1k 0.5% 1/16W
R316	1-218-873-11	s	METAL, CHIP 12k 0.5% 1/16W
R317	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R318	1-216-833-11	s	METAL, CHIP 10k 5% 1/16W
R319	1-218-831-11	s	METAL, CHIP 220 0.5% 1/16W
R320	1-218-831-11	s	METAL, CHIP 220 0.5% 1/16W
R410	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R411	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R418	1-216-829-11	s	METAL, CHIP 4.7k 5% 1/16W
R1210	1-216-039-00	s	METAL, CHIP 390 5% 1/10W
R1211	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R1212	1-216-809-11	s	METAL, CHIP 100 5% 1/16W
R1214	1-216-829-11	s	METAL, CHIP 4.7k 5% 1/16W
R1215	1-216-829-11	s	METAL, CHIP 4.7k 5% 1/16W
R1216	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R1217	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R1221	1-216-817-11	s	METAL, CHIP 470 5% 1/16W
R1222	1-216-825-11	s	METAL, CHIP 2.2k 5% 1/16W
R1223	1-216-822-11	s	METAL, CHIP 1.2k 5% 1/16W
RB101	1-233-235-11	s	RESISTOR BLOCK, CHIP 10k x 4

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Ref. No. or Q'ty	Part No.	SP	Description
RB102	1-233-235-11	s	RESISTOR BLOCK, CHIP 10k x 4
RB401	1-233-237-11	s	RESISTOR BLOCK, CHIP 100k x 4
RB402	1-239-412-11	s	RESISTOR BLOCK, CHIP 100
RB403	1-233-237-11	s	RESISTOR BLOCK, CHIP 100k x 4
RB404	1-239-412-11	s	RESISTOR BLOCK, CHIP 100
RB405	1-233-449-11	s	RESISTOR BLOCK, CHIP 4.7k x 4
RB406	1-233-235-11	s	RESISTOR BLOCK, CHIP 10k x 4
RB407	1-239-999-11	s	RESISTOR BLOCK, CHIP 1k x 4
RB408	1-233-449-11	s	RESISTOR BLOCK, CHIP 4.7k x 4

RM-159 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-662-916-11	o	PRINTED CIRCUIT BOARD, RM-159
CN11	1-778-666-11	o	CONNECTOR, FPC 9P
CN12	1-565-876-11	o	PIN, CONNECTOR (PC BOARD) 4P
CN13	1-564-013-11	o	CONNECTOR 3P, MALE
CN14	1-564-718-11	o	CONNECTOR, 2P, MALE

RM-160 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-662-919-11	o	PRINTED CIRCUIT BOARD, RM-160
CN15	1-778-666-11	o	CONNECTOR, FPC 9P
CN16	1-565-876-11	o	PIN, CONNECTOR (PC BOARD) 4P
CN17	1-564-013-11	o	CONNECTOR 3P, MALE
CN18	1-564-718-11	o	CONNECTOR 2P, MALE

RP-90 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8318-781-A	o	MOUNTED CIRCUIT BOARD, RP-90
1pc	3-179-084-01	s	LEVER (R), PRINTED CIRCUIT BOARD
1pc	3-179-085-01	s	LEVER (L), PRINTED CIRCUIT BOARD
1pc	7-621-759-45	s	+PSW, 2.6x6
C4	1-104-664-11	s	ELECT 47uF 20% 25V
C6	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C100	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C101	1-104-664-11	s	ELECT 47uF 20% 25V
C102	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C105	1-104-664-11	s	ELECT 47uF 20% 25V
C106	1-104-664-11	s	ELECT 47uF 20% 25V
C107	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C109	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C201	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C202	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C203	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C204	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C205	1-126-964-11	s	ELECT 10uF 20% 50V
C206	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C207	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C208	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C209	1-163-253-11	s	CERAMIC, CHIP 120pF 5% 50V
C210	1-163-233-11	s	CERAMIC, CHIP 18pF 5% 50V
C211	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C212	1-126-964-11	s	ELECT 10uF 20% 50V
C213	1-163-087-00	s	CERAMIC, CHIP 4pF 50V
C214	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C215	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C216	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C217	1-163-143-00	s	CERAMIC, CHIP 0.0012uF 5% 50V
C218	1-163-143-00	s	CERAMIC, CHIP 0.0012uF 5% 50V
C219	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C220	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C221	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C222	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C223	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C224	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C225	1-163-143-00	s	CERAMIC, CHIP 0.0012uF 5% 50V
C226	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C227	1-163-143-00	s	CERAMIC, CHIP 0.0012uF 5% 50V
C228	1-164-182-11	s	CERAMIC, CHIP 0.0033uF 10% 100V
C229	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C230	1-163-222-11	s	CERAMIC 5pF 0.25pF 50V
C231	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C232	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C233	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C234	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C235	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C236	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C237	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C238	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C239	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C240	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C241	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C242	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C243	1-135-149-21	s	TANTALUM, CHIP 2.2uF 10% 10V
C244	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C301	1-126-964-11	s	ELECT 10uF 20% 50V
C302	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C303	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C304	1-126-964-11	s	ELECT 10uF 20% 50V
C305	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C306	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C307	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C308	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C309	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C310	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C311	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C312	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C313	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C314	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C315	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C316	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C317	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C318	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C319	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C320	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C321	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C326	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C327	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C329	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C330	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C337	1-164-182-11	s	CERAMIC, CHIP 0.0033uF 10% 100V
C339	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C341	1-126-964-11	s	ELECT 10uF 20% 50V
C342	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C346	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C348	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C349	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C350	1-163-019-00	s	CERAMIC, CHIP 0.0068uF 10% 50V
C351	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C352	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C353	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C354	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C358	1-135-149-21	s	TANTALUM, CHIP 2.2uF 10% 10V
C359	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C362	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C363	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C364	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C365	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C366	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C369	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C370	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C371	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C372	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C373	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C375	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C376	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C377	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C379	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C380	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C381	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C382	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C383	1-163-113-00	s	CERAMIC, CHIP 68pF 5% 50V
C405	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C407	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C408	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C409	1-104-664-11	s	ELECT 47uF 20% 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C412	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C413	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C414	1-104-664-11	s	ELECT 47uF 20% 25V
C504	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C505	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C507	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C508	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C509	1-163-245-11	s	CERAMIC, CHIP 56pF 5% 50V
C510	1-163-245-11	s	CERAMIC, CHIP 56pF 5% 50V
C511	1-104-664-11	s	ELECT 47uF 20% 25V
C512	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C513	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C514	1-104-664-11	s	ELECT 47uF 20% 25V
C515	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C516	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C519	1-104-664-11	s	ELECT 47uF 20% 25V
C520	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C521	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C522	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C523	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C528	1-126-964-11	s	ELECT 10uF 20% 50V
C529	1-126-964-11	s	ELECT 10uF 20% 50V
C606	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C607	1-104-664-11	s	ELECT 47uF 20% 25V
C609	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C617	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C620	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C621	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C706	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C714	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C717	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C718	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C753	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C754	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C801	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C802	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C803	1-104-664-11	s	ELECT 47uF 20% 25V
C804	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C805	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C806	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C807	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C808	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C809	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C810	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C811	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C812	1-104-664-11	s	ELECT 47uF 20% 25V
C813	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C814	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C815	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C816	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C817	1-126-964-11	s	ELECT 10uF 20% 50V
C818	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C819	1-126-964-11	s	ELECT 10uF 20% 50V
C820	1-104-664-11	s	ELECT 47uF 20% 25V
C821	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C822	1-126-964-11	s	ELECT 10uF 20% 50V
C823	1-126-934-11	s	ELECT 220uF 20% 16V
C824	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP	Description
CN120	1-778-262-12	o	CONNECTOR, BB 148P, MALE
CN801	1-506-491-11	s	CONNECTOR, 12P, MALE
D2	8-719-938-72	s	DIODE SB01-05CP
D301	8-719-941-23	s	DIODE DA204U
D302	8-719-941-23	s	DIODE DA204U
D303	8-719-941-23	s	DIODE DA204U
D304	8-719-941-23	s	DIODE DA204U
D305	8-719-989-08	s	DIODE RB717F
D401	8-719-941-23	s	DIODE DA204U
D402	8-719-941-23	s	DIODE DA204U
D403	8-719-941-23	s	DIODE DA204U
D801	8-719-941-23	s	DIODE DA204U
D802	8-719-404-35	s	DIODE MA141WK
D803	8-719-938-72	s	DIODE SB01-05CP
DL201	1-411-983-11	s	DELAY LINE, CHIP 47ns
DL202	1-411-982-11	s	DELAY LINE, CHIP 12ns
E201	1-535-881-21	o	TERMINAL, TP
E301	1-535-881-21	o	TERMINAL, TP
E302	1-535-881-21	o	TERMINAL, TP
E801	1-535-881-21	o	TERMINAL, TP
FL201	1-233-754-11	s	FILTER, LOW-PASS 10MHz
FL202	1-233-756-11	s	FILTER, BAND-PASS 10MHz
FL203	1-234-158-21	s	FILTER, LOW-PASS 50MHz
FL301	1-239-560-11	s	FILTER, NOISE, CHIP
FL302	1-239-560-11	s	FILTER, NOISE, CHIP
IC2	8-759-396-60	s	IC TA78M10F(TE16L)
IC100	8-759-095-59	s	IC M5237ML-TP1
IC102	8-759-271-86	s	IC TC7SH04FU
IC201	8-752-076-55	s	IC CXA3059Q
IC202	8-759-064-36	s	IC MB88346BPFV
IC203	8-759-112-53	s	IC UPC1663G
IC301	8-752-076-54	s	IC CXA3058Q
IC302	8-759-012-00	s	IC MC10H116M
IC303	8-759-183-53	s	IC TL431CPK-E2
IC304	8-759-012-13	s	IC MC10H125M
IC306	8-759-012-03	s	IC MC10H131MEL
IC307	8-752-070-50	s	IC CXA1866Q
IC310	8-759-271-86	s	IC TC7SH04FU
IC313	8-759-481-73	s	IC SN74LVC125APW-E20
IC314	8-759-196-97	s	IC TC7SH32FU-TE85R
IC403	8-759-233-60	s	IC TC74HC4075AF(EL)
IC404	8-759-178-20	s	IC M62354FP
IC414	8-759-491-45	s	IC TC74VHCT00AFT(EL)
IC503	8-759-011-65	s	IC MC74HC4053F
IC504	8-759-981-48	s	IC TL082M
IC604	8-759-981-48	s	IC TL082M
IC704	8-759-981-48	s	IC TL082M
IC801	8-759-238-51	s	IC TC74HC4051AF(EL)
IC802	8-759-238-51	s	IC TC74HC4051AF(EL)
IC803	8-759-485-85	s	IC MC1496DR2
IC804	8-759-981-48	s	IC TL082M
IC805	8-759-182-84	s	IC PQ05SZ5U
L101	1-424-673-11	s	COIL, CHOKE 4.7uH
L102	1-410-381-11	s	INDUCTOR CHIP 10uH
L104	1-410-381-11	s	INDUCTOR CHIP 10uH
L201	1-408-777-00	s	INDUCTOR CHIP 10uH
L202	1-410-657-21	s	INDUCTOR CHIP 180uH

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Ref. No. or Q'ty	Part No.	SP	Description
L204	1-410-384-31	s	INDUCTOR CHIP 18uH
L207	1-408-777-00	s	INDUCTOR CHIP 10uH
L301	1-408-777-00	s	INDUCTOR CHIP 10uH
L302	1-410-381-11	s	INDUCTOR CHIP 10uH
L304	1-410-381-11	s	INDUCTOR CHIP 10uH
L306	1-410-381-11	s	INDUCTOR CHIP 10uH
L307	1-410-381-11	s	INDUCTOR CHIP 10uH
L308	1-410-381-11	s	INDUCTOR CHIP 10uH
L405	1-410-381-11	s	INDUCTOR CHIP 10uH
L504	1-408-397-00	s	INDUCTOR 1uH
L505	1-408-397-00	s	INDUCTOR 1uH
L509	1-410-381-11	s	INDUCTOR CHIP 10uH
L510	1-410-381-11	s	INDUCTOR CHIP 10uH
L710	1-410-381-11	s	INDUCTOR CHIP 10uH
L711	1-410-381-11	s	INDUCTOR CHIP 10uH
L801	1-410-393-11	s	INDUCTOR CHIP 100uH
L802	1-410-381-11	s	INDUCTOR CHIP 10uH
PS101	⚠ 1-532-679-00	s	LINK, IC
PS102	⚠ 1-532-605-00	s	LINK, IC 0.4A
PS401	⚠ 1-532-679-00	s	LINK, IC
PS501	⚠ 1-532-605-00	s	LINK, IC 0.4A
PS502	⚠ 1-532-679-00	s	LINK, IC
Q102	8-729-014-93	s	TRANSISTOR 2SB1440S-TX
Q201	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q202	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q203	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q204	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q205	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q206	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q207	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q208	8-729-907-46	s	TRANSISTOR IMZ1
Q209	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q210	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q211	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q302	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q304	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q310	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q311	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q312	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q313	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q401	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q419	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q420	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q506	8-729-921-69	s	TRANSISTOR IMX4-T109
Q510	8-729-907-46	s	TRANSISTOR IMZ1
Q511	8-729-907-46	s	TRANSISTOR IMZ1
Q515	8-729-907-46	s	TRANSISTOR IMZ1
Q516	8-729-907-46	s	TRANSISTOR IMZ1
Q517	8-729-216-22	s	TRANSISTOR 2SA1162
Q518	8-729-216-22	s	TRANSISTOR 2SA1162
Q519	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q520	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q607	8-729-903-10	s	TRANSISTOR FMW1
Q609	8-729-922-87	s	TRANSISTOR 2SD1757K-T146-RS
Q617	8-729-903-10	s	TRANSISTOR FMW1
Q619	8-729-922-87	s	TRANSISTOR 2SD1757K-T146-RS
Q707	8-729-903-10	s	TRANSISTOR FMW1
Q709	8-729-922-87	s	TRANSISTOR 2SD1757K-T146-RS

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Ref. No. or Q'ty	Part No.	SP	Description
Q717	8-729-903-10	s	TRANSISTOR FMW1
Q719	8-729-922-87	s	TRANSISTOR 2SD1757K-T146-RS
Q801	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q802	8-729-042-52	s	TRANSISTOR IMT1AT108
Q803	8-729-042-52	s	TRANSISTOR IMT1AT108
Q804	8-729-042-52	s	TRANSISTOR IMT1AT108
Q805	8-729-042-52	s	TRANSISTOR IMT1AT108
Q806	8-729-042-52	s	TRANSISTOR IMT1AT108
Q807	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q808	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q809	8-729-013-37	s	TRANSISTOR 2SC4213-AB-TE85L
Q810	8-729-907-46	s	TRANSISTOR IMZ1
Q811	8-729-926-27	s	TRANSISTOR FMW10
Q812	8-729-903-10	s	TRANSISTOR FMW1
Q813	8-729-143-14	s	TRANSISTOR 2SC4176-B35
Q814	8-729-903-10	s	TRANSISTOR FMW1
Q815	8-729-907-46	s	TRANSISTOR IMZ1
Q817	8-729-042-52	s	TRANSISTOR IMT1AT108
R100	1-208-804-11	s	METAL, CHIP 8.2k 0.5% 1/10W
R101	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R102	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R104	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R105	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R201	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R202	1-208-815-11	s	METAL, CHIP 24k 0.5% 1/10W
R203	1-208-846-11	s	METAL, CHIP 470k 0.5% 1/10W
R205	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R206	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R207	1-208-781-11	s	METAL, CHIP 910 0.5% 1/10W
R208	1-208-773-11	s	METAL, CHIP 430 0.5% 1/10W
R209	1-208-802-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R210	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R211	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R212	1-208-771-11	s	METAL, CHIP 360 0.5% 1/10W
R213	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R214	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R215	1-208-802-11	s	METAL, CHIP 6.8k 0.5% 1/10W
R216	1-208-798-11	s	METAL, CHIP 4.7k 0.5% 1/10W
R217	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R218	1-208-776-11	s	METAL, CHIP 560 0.5% 1/10W
R219	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R220	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R221	1-208-794-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R222	1-208-794-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R223	1-208-815-11	s	METAL, CHIP 24k 0.5% 1/10W
R224	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R225	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R226	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R227	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R228	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R229	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R230	1-208-764-11	s	METAL, CHIP 180 0.5% 1/10W
R231	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R232	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R234	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R236	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R237	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R238	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W

(RP-90 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
R239	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R240	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R241	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R242	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R243	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R244	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R245	1-208-778-11	s	METAL, CHIP 680 0.5% 1/10W
R250	1-208-799-11	s	METAL, CHIP 5.1k 0.5% 1/10W
R302	1-208-781-11	s	METAL, CHIP 910 0.5% 1/10W
R303	1-208-781-11	s	METAL, CHIP 910 0.5% 1/10W
R304	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R305	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R306	1-208-771-11	s	METAL, CHIP 360 0.5% 1/10W
R307	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R308	1-208-771-11	s	METAL, CHIP 360 0.5% 1/10W
R309	1-208-772-11	s	METAL, CHIP 390 0.5% 1/10W
R310	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R311	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R312	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R313	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R314	1-208-789-11	s	METAL, CHIP 2k 0.5% 1/10W
R315	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R316	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R317	1-208-834-11	s	METAL, CHIP 150k 0.5% 1/10W
R318	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R319	1-208-789-11	s	METAL, CHIP 2k 0.5% 1/10W
R320	1-208-824-11	s	METAL, CHIP 56k 0.5% 1/
R321	1-208-813-11	s	METAL, CHIP 20k 0.5% 1/10W
R322	1-208-789-11	s	METAL, CHIP 2k 0.5% 1/10W
R323	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R324	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R325	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R326	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R328	1-208-756-11	s	METAL, CHIP 82 0.5% 1/10W
R329	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R330	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R331	1-208-830-11	s	METAL, CHIP 100k 0.5% 1/10W
R332	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R333	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R335	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R337	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R340	1-208-780-11	s	METAL, CHIP 820 0.5% 1/10W
R342	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R343	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R344	1-208-795-11	s	METAL, CHIP 3.6k 0.5% 1/10W
R345	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R350	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R351	1-208-812-11	s	METAL, CHIP 18k 0.5% 1/10W
R355	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R358	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R359	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R361	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R363	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R371	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R374	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R378	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R380	1-208-804-11	s	METAL, CHIP 8.2k 0.5% 1/10W
R381	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R383	1-208-773-11	s	METAL, CHIP 430 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R384	1-208-795-11	s	METAL, CHIP 3.6k 0.5% 1/10W
R392	1-208-828-11	s	METAL, CHIP 82k 0.5% 1/10W
R395	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R397	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R407	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R408	1-208-758-11	s	METAL, CHIP 100 0.5% 1/10W
R409	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R411	1-208-764-11	s	METAL, CHIP 180 0.5% 1/10W
R431	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R432	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R433	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R434	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R439	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R440	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R441	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R452	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R453	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R454	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R455	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R456	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R501	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R502	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R503	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R528	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R529	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R530	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R531	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R532	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R533	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R539	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R540	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R541	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R547	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R548	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R549	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R550	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R551	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R552	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R553	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R554	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R555	1-208-774-11	s	METAL, CHIP 470 0.5% 1/10W
R556	1-208-771-11	s	METAL, CHIP 360 0.5% 1/10W
R557	1-208-771-11	s	METAL, CHIP 360 0.5% 1/10W
R601	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R602	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R603	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R604	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R618	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R619	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R620	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R621	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R626	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R627	1-208-768-11	s	METAL, CHIP 270 0.5% 1/10W
R643	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R644	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R645	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R646	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R651	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R652	1-208-768-11	s	METAL, CHIP 270 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R701	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R702	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R703	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R704	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R716	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R717	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R718	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R719	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R724	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R725	1-208-768-11	s	METAL, CHIP 270 0.5% 1/10W
R741	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R742	1-208-770-11	s	METAL, CHIP 330 0.5% 1/10W
R743	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R744	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R749	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R762	1-208-768-11	s	METAL, CHIP 270 0.5% 1/10W
R801	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R802	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R803	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R804	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R805	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R806	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R807	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R808	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R809	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R810	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R811	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R812	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R813	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R814	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R815	1-208-800-11	s	METAL, CHIP 5.6k 0.5% 1/10
R816	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R817	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R818	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R819	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R820	1-216-113-00	s	METAL, CHIP 470k 5% 1/10W
R821	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R822	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R823	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R824	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R825	1-216-113-00	s	METAL, CHIP 470k 5% 1/10W
R826	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R827	1-208-820-11	s	METAL, CHIP 39k 0.5% 1/10W
R828	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R829	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R830	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R832	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R833	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R835	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R837	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R838	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R843	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
RB301	1-239-389-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB302	1-233-236-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB401	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB402	1-239-389-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB403	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB801	1-239-389-11	s	RESISTOR BLOCK, CHIP 47k x 4

(RP-90 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
RB802	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB803	1-239-999-11	s	RESISTOR BLOCK, CHIP 1k x 4
RB804	1-239-419-11	s	RESISTOR BLOCK, CHIP 470 x 4
RB805	1-239-419-11	s	RESISTOR BLOCK, CHIP 470 x 4
RB806	1-239-419-11	s	RESISTOR BLOCK, CHIP 470 x 4
S801	1-554-963-21	s	SWITCH, ROTARY
S802	1-692-535-11	s	SWITCH, DIP, CHIP 4-CKT
S803	1-692-271-31	s	SWITCH, SLIDE
TP801	1-535-881-21	o	TERMINAL, TP
TP802	1-535-881-21	o	TERMINAL, TP
TP804	1-535-881-21	o	TERMINAL, TP
TP805	1-535-881-21	o	TERMINAL, TP

SDI-27 BOARD(DSBK-120/120P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8277-890-A	o	MOUNTED CIRCUIT BOARD, SDI-27
2pcs	7-621-759-45	s	+PSW, 2.6x6
2pcs	7-623-422-07	s	LW 3, TYPE B
C101	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C102	1-117-232-11	s	TANTALUM 22uF 20% 4V
C103	1-115-169-11	s	TANTALUM 10uF 20% 6.3V
C104	1-115-169-11	s	TANTALUM 10uF 20% 6.3V
C105	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C106	1-117-232-11	s	TANTALUM 22uF 20% 4V
C107	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C108	1-107-682-11	s	CERAMIC, CHIP 1uF 10% 16V
C109	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C110	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C112	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C113	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C114	1-135-259-11	s	TANTALUM, CHIP 10uF 20% 6.3V
C115	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C116	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C117	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C118	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C119	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C120	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C121	1-117-232-11	s	TANTALUM 22uF 20% 4V
C122	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C123	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C124	1-107-682-11	s	CERAMIC, CHIP 1uF 10% 16V
C125	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C126	1-115-169-11	s	TANTALUM 10uF 20% 6.3V
C127	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C128	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C129	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C130	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C131	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C132	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C133	1-115-169-11	s	TANTALUM 10uF 20% 6.3V
C134	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C135	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C136	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C137	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C138	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C139	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C140	1-115-169-11	s	TANTALUM 10uF 20% 6.3V
C141	1-115-169-11	s	TANTALUM 10uF 20% 6.3V
C143	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C144	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C145	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C146	1-163-085-00	s	CERAMIC, CHIP 2pF 50V
C201	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C202	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C203	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C204	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C205	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C206	1-126-925-11	s	ELECT 470uF 20% 10V
C207	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C208	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C209	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C210	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C301	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V

(SDI-27 BOARD(DSBK-120/120P))

Ref. No. or Q'ty	Part No.	SP	Description
C302	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C305	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C306	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C307	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C309	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C310	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C311	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C312	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C313	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C314	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C315	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C317	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C318	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C319	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C320	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C321	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C322	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
CN27	1-774-376-11	s	CONNECTOR, BB 68P
CN101	1-750-880-11	s	RECEPTACLE, COAXIAL CONNECTOR
CN102	1-750-880-11	s	RECEPTACLE, COAXIAL CONNECTOR
D102	8-719-987-43	s	DIODE CL-150PG-CD
D201	8-719-987-43	s	DIODE CL-150PG-CD
D204	8-719-989-22	s	LED CL-150R-CD, RED
D301	8-719-989-22	s	LED CL-150R-CD, RED
D302	8-719-989-22	s	LED CL-150R-CD, RED
D303	8-719-989-22	s	LED CL-150R-CD, RED
D304	8-719-989-22	s	LED CL-150R-CD, RED
D305	8-719-987-43	s	DIODE CL-150PG-CD
D306	8-719-987-43	s	DIODE CL-150PG-CD
D307	8-719-987-43	s	DIODE CL-150PG-CD
D308	8-719-987-43	s	DIODE CL-150PG-CD
E101	1-535-881-21	o	TERMINAL, TP
E301	1-535-881-21	o	TERMINAL, TP
FB102	1-543-644-11	s	BEAD, FERRITE (CHIP)
FB103	1-543-644-11	s	BEAD, FERRITE (CHIP)
FB105	1-543-644-11	s	BEAD, FERRITE (CHIP)
FB106	1-543-644-11	s	BEAD, FERRITE (CHIP)
FB107	1-543-644-11	s	BEAD, FERRITE (CHIP)
FB108	1-543-644-11	s	BEAD, FERRITE (CHIP)
FB109	1-543-644-11	s	BEAD, FERRITE (CHIP)
IC101	8-759-324-03	s	IC HA17431UA-TL
IC102	8-752-078-34	s	IC CXB1342R
IC103	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC104	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC108	8-759-058-58	s	IC TC7S04FU(TE85R)
IC201	8-759-058-64	s	IC TC7S32FU(TE85R)
IC202	8-759-172-72	s	IC CXD8386AQ
IC203	8-759-925-74	s	IC SN74HC04ANS
IC205	8-759-524-50	s	IC TC74VHC541FT(EL)
IC206	8-759-524-50	s	IC TC74VHC541FT(EL)
IC301	8-759-926-49	s	IC SN74HC245ANS
IC302	8-759-926-77	s	IC SN74HC541ANS
IC305	8-759-186-77	s	IC TC74VHC541F
IC306	8-759-186-38	s	IC TC74VHC32F(EL)
IC307	8-759-186-49	s	IC TC74VHC139F(EL)
IC308	8-759-186-27	s	IC TC74VHCT04F(EL)

(SDI-27 BOARD(DSBK-120/120P))

Ref. No. or Q'ty	Part No.	SP	Description
IC309	8-759-289-69	s	IC CXD8280AQ
IC312	8-759-239-55	s	IC TC74HC123AF
IC313	8-759-239-55	s	IC TC74HC123AF
IC314	8-759-925-76	s	IC SN74HC08NS
IC315	8-759-186-63	s	IC TC74VHC245F(EL)
IC316	8-759-186-77	s	IC TC74VHC541F
IC317	8-759-186-30	s	IC TC74VHC14F(EL)
L101	1-410-795-41	s	INDUCTOR CHIP 0.01uH
L201	1-412-533-21	s	INDUCTOR 47uH
L202	1-412-533-21	s	INDUCTOR 47uH
Q101	8-729-807-51	s	TRANSISTOR 2SD1623-S
Q102	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q103	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q104	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q105	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q201	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q202	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
R101	1-220-259-11	s	METAL, CHIP 150 5% 1/4W
R102	1-208-787-11	s	METAL, CHIP 1.6k 0.5% 1/10W
R103	1-208-750-11	s	METAL, CHIP 47 0.5% 1/10W
R104	1-208-799-11	s	METAL, CHIP 5.1k 0.50% 1/10W
R105	1-208-755-11	s	METAL, CHIP 75 0.5% 1/10W
R106	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R107	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R112	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R113	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R114	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R115	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R116	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R117	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R118	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R120	1-208-755-11	s	METAL, CHIP 75 0.5% 1/10W
R121	1-208-755-11	s	METAL, CHIP 75 0.5% 1/10W
R122	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R123	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R124	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R125	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R128	1-216-001-00	s	METAL, CHIP 10 5% 1/10W
R129	1-216-001-00	s	METAL, CHIP 10 5% 1/10W
R130	1-216-001-00	s	METAL, CHIP 10 5% 1/10W
R131	1-216-001-00	s	METAL, CHIP 10 5% 1/10W
R133	1-216-035-00	s	METAL, CHIP 270 5% 1/10W
R134	1-211-960-11	s	METAL, CHIP 24 0.5% 1/10W
R135	1-216-035-00	s	METAL, CHIP 270 5% 1/10W
R137	1-211-967-11	s	METAL, CHIP 43 0.5% 1/10W
R138	1-208-754-11	s	METAL, CHIP 68 0.5% 1/10W
R139	1-211-960-11	s	METAL, CHIP 24 0.5% 1/10W
R140	1-208-780-11	s	METAL, CHIP 820 0.5% 1/10W
R141	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R145	1-208-762-11	s	METAL,CHIP 270k 0.50% 1/10W
R146	1-208-754-11	s	METAL, CHIP 68 0.5% 1/10W
R147	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R155	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R156	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R201	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R203	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R207	1-216-295-91	s	METAL, CHIP 0 5% 1/10W

(SDI-27 BOARD(DSBK-120/120P))

Ref. No. or Q'ty	Part No.	SP	Description
R208	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R223	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R227	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R228	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R229	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R233	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R234	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R302	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R303	1-216-109-00	s	METAL, CHIP 330k 5% 1/10W
R304	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R306	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R308	1-216-115-00	s	METAL, CHIP 560k 5% 1/10W
R309	1-216-115-00	s	METAL, CHIP 560k 5% 1/10W
R310	1-216-115-00	s	METAL, CHIP 560k 5% 1/10W
R311	1-216-115-00	s	METAL, CHIP 560k 5% 1/10W
R312	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R313	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R314	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R315	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R316	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R317	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R318	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R319	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
RB101	1-239-412-11	s	RESISTOR BLOCK, CHIP 100
RB102	1-239-412-11	s	RESISTOR BLOCK, CHIP 100
RB103	1-239-409-11	s	RESISTOR BLOCK, CHIP 47x4
RB201	1-239-621-11	s	NETWORK RESISTOR (CHIP) 22
RB202	1-239-621-11	s	NETWORK RESISTOR (CHIP) 22
RB203	1-239-621-11	s	NETWORK RESISTOR (CHIP) 22
RB301	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB302	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB303	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB304	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB305	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB306	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RV101	1-241-262-11	s	RES, ADJ, METAL 2k

SDI-28 BOARD(DSBK-120/120P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8277-892-A	o	MOUNTED CIRCUIT BOARD, SDI-28
2pcs	7-621-759-45	s	+PSW, 2.6x6
2pcs	7-623-422-07	s	LW 3, TYPE B
C101	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C103	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C104	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C106	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C107	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C108	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C109	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C110	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C111	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C112	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C113	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C114	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C115	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C116	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C117	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C118	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C119	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C120	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C121	1-126-925-11	s	ELECT 470uF 20% 10V
C122	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C123	1-126-391-11	s	ELECT, CHIP 47uF 20% 6.3V
C124	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C127	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C128	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C129	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C130	1-163-239-11	s	CERAMIC, CHIP 33pF 5% 50V
C206	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C207	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C210	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C211	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C212	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C213	1-115-169-11	s	TANTALUM 10uF 20% 6.3V
C214	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C215	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C216	1-135-259-11	s	TANTALUM, CHIP 10uF 20% 6.3V
C217	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C218	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C219	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C220	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C221	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C222	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C223	1-117-232-11	s	TANTALUM 22uF 20% 4V
C224	1-115-169-11	s	TANTALUM 10uF 20% 6.3V
C225	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C226	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C227	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C228	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C229	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C230	1-115-169-11	s	TANTALUM 10uF 20% 6.3V
C231	1-115-169-11	s	TANTALUM 10uF 20% 6.3V
C232	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C233	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C234	1-115-169-11	s	TANTALUM 10uF 20% 6.3V
C235	1-163-089-00	s	CERAMIC, CHIP 6pF 50V
C236	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V

Ref. No. or Q'ty	Part No.	SP	Description
C237	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C238	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C239	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C240	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C241	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C242	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C243	1-115-169-11	s	TANTALUM 10uF 20% 6.3V
C244	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C245	1-163-085-00	s	CERAMIC, CHIP 2pF 50V
C246	1-163-085-00	s	CERAMIC, CHIP 2pF 50V
C247	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C248	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C249	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C250	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
C301	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C302	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C303	1-163-033-91	s	CERAMIC 0.022uF 50V
C304	1-163-033-91	s	CERAMIC 0.022uF 50V
C306	1-164-004-11	s	CERAMIC, CHIP 0.1uF 10% 25V
CN28	1-774-376-11	s	CONNECTOR, BB 68P
CN201	1-750-880-11	s	RECEPTACLE, COAXIAL CONNECTOR
CN202	1-750-880-11	s	RECEPTACLE, COAXIAL CONNECTOR
D101	8-719-820-41	s	DIODE 1SS302
D201	8-719-989-22	s	LED CL-150R-CD, RED
E201	1-535-881-21	o	TERMINAL, TP
E301	1-535-881-21	o	TERMINAL, TP
FB201	1-543-644-11	s	BEAD, FERRITE (CHIP)
FB203	1-543-644-11	s	BEAD, FERRITE (CHIP)
FB204	1-543-644-11	s	BEAD, FERRITE (CHIP)
FB205	1-543-644-11	s	BEAD, FERRITE (CHIP)
FB206	1-543-644-11	s	BEAD, FERRITE (CHIP)
IC101	8-759-491-41	s	IC TC74VHCT541AF(EL)
IC103	8-759-491-46	s	IC TC74VHCT04FT(EL)
IC104	8-759-186-53	s	IC TC74VHC163F(EL)
IC105	8-759-186-53	s	IC TC74VHC163F(EL)
IC106	8-759-523-84	s	IC TC74VHC14FT(EL)
IC107	8-759-186-53	s	IC TC74VHC163F(EL)
IC108	8-759-186-53	s	IC TC74VHC163F(EL)
IC109	8-759-186-53	s	IC TC74VHC163F(EL)
IC110	8-759-456-03	s	IC M66256GP-E2
IC111	8-759-186-38	s	IC TC74VHC32F(EL)
IC112	8-759-519-12	s	IC CXD8281Q
IC113	8-759-172-73	s	IC CXD8385Q
IC114	8-759-271-86	s	IC TC7SH04FU
IC115	8-759-175-27	s	IC TC74VHC574F
IC116	8-759-186-30	s	IC TC74VHC14F(EL)
IC202	8-759-524-50	s	IC TC74VHC541FT(EL)
IC203	8-759-524-50	s	IC TC74VHC541FT(EL)
IC206	8-759-324-03	s	IC HA17431UA-TL
IC207	8-752-078-32	s	IC CXB1341R
IC301	8-759-483-67	s	IC UPD78011FCW-026
IC303	8-759-926-80	s	IC SN74HC573NS
IC304	8-759-276-00	s	IC TC7W139FU(TE12R)
L101	1-412-533-21	s	INDUCTOR 47uH
L102	1-412-533-21	s	INDUCTOR 47uH
Q101	8-729-029-14	s	TRANSISTOR DTC144EUA-T106

(SDI-28 BOARD(DSBK-120/120P))

Ref. No. or Q'ty	Part No.	SP	Description
Q102	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q103	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q201	8-729-807-51	s	TRANSISTOR 2SD1623-S
Q202	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q203	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q204	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q205	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q206	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q207	8-729-105-68	s	TRANSISTOR 2SC3356-K
R101	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R102	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R103	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R104	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R106	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R107	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R110	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R116	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R118	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R119	1-216-109-00	s	METAL, CHIP 330k 5% 1/10W
R120	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R121	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R122	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R151	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R152	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R178	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R179	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R180	1-216-029-00	s	METAL, CHIP 150 5% 1/10W
R181	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R182	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R183	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R201	1-208-810-11	s	METAL, CHIP 15k 0.50% 1/10W
R202	1-208-810-11	s	METAL, CHIP 15k 0.50% 1/10W
R203	1-216-041-00	s	METAL, CHIP 470 5% 1/10W
R204	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R205	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R206	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R207	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R208	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R209	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R210	1-208-808-11	s	METAL, CHIP 12k 0.5% 1/10W
R211	1-220-259-11	s	METAL, CHIP 150 5% 1/4W
R212	1-208-787-11	s	METAL, CHIP 1.6k 0.5% 1/10W
R213	1-208-750-11	s	METAL, CHIP 47 0.5% 1/10W
R214	1-208-799-11	s	METAL, CHIP 5.1k 0.50% 1/10W
R215	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R217	1-208-768-11	s	METAL, CHIP 270 0.5% 1/10W
R218	1-208-768-11	s	METAL, CHIP 270 0.5% 1/10W
R219	1-208-750-11	s	METAL, CHIP 47 0.5% 1/10W
R220	1-208-754-11	s	METAL, CHIP 68 0.5% 1/10W
R221	1-208-764-11	s	METAL, CHIP 180 0.5% 1/10W
R222	1-211-960-11	s	METAL, CHIP 24 0.5% 1/10W
R223	1-211-967-11	s	METAL, CHIP 43 0.5% 1/10W
R224	1-208-754-11	s	METAL, CHIP 68 0.5% 1/10W
R225	1-211-960-11	s	METAL, CHIP 24 0.5% 1/10W
R226	1-208-774-11	s	METAL, CHIP 470 0.50% 1/10W
R227	1-208-750-11	s	METAL, CHIP 47 0.5% 1/10W
R228	1-208-750-11	s	METAL, CHIP 47 0.5% 1/10W
R229	1-208-750-11	s	METAL, CHIP 47 0.5% 1/10W
R230	1-208-762-11	s	METAL,CHIP 270k 0.50% 1/10W

(SDI-28 BOARD(DSBK-120/120P))

Ref. No. or Q'ty	Part No.	SP	Description
R231	1-208-762-11	s	METAL,CHIP 270k 0.50% 1/10W
R232	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R233	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R234	1-208-754-11	s	METAL, CHIP 68 0.5% 1/10W
R235	1-208-754-11	s	METAL, CHIP 68 0.5% 1/10W
R236	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R237	1-208-750-11	s	METAL, CHIP 47 0.5% 1/10W
R238	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R239	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R240	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R241	1-208-780-11	s	METAL, CHIP 820 0.5% 1/10W
R301	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R302	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R303	1-216-109-00	s	METAL, CHIP 330k 5% 1/10W
R304	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R305	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R306	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R307	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R308	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R309	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R310	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R311	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R312	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R319	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R320	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R321	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
RB101	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB102	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB103	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB104	1-239-309-11	s	RESISTOR BLOCK, CHIP 100k x 8
RB105	1-239-309-11	s	RESISTOR BLOCK, CHIP 100k x 8
RB106	1-239-412-11	s	RESISTOR BLOCK, CHIP 100
RB107	1-239-412-11	s	RESISTOR BLOCK, CHIP 100
RB108	1-239-412-11	s	RESISTOR BLOCK, CHIP 100
RB112	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB113	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB114	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB203	1-239-412-11	s	RESISTOR BLOCK, CHIP 100
RB204	1-239-412-11	s	RESISTOR BLOCK, CHIP 100
RB205	1-239-412-11	s	RESISTOR BLOCK, CHIP 100
RV201	1-241-262-11	s	RES, ADJ, METAL 2k
X301	1-579-175-11	s	RESONATOR, CERAMIC 10.00MHz

SDI-8 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8277-888-A	s	MOUNTED CIRCUIT BOARD, SDI-8
1pc	7-621-759-45	s	+PSW, 2.6x6
1pc	3-179-084-01	s	LEVER (R), PRINTED CIRCUIT BOARD
1pc	3-179-085-01	s	LEVER (L), PRINTED CIRCUIT BOARD
2pcs	3-189-543-03	o	IC HEAT SINk (A)
2pcs	3-189-544-04	o	IC HEAT SINk (B)
2pcs	7-621-770-87	s	SCREW +B 2.6x5
C100	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C101	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C102	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C103	1-126-925-11	s	ELECT 470uF 20% 10V
C104	1-126-925-11	s	ELECT 470uF 20% 10V
C105	1-126-925-11	s	ELECT 470uF 20% 10V
C106	1-163-237-11	s	CERAMIC, CHIP 27pF 5% 50V
C107	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C108	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C109	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C110	1-126-925-11	s	ELECT 470uF 20% 10V
C111	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C112	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C113	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C114	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C115	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C116	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C117	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C118	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C119	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C120	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C121	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C122	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C123	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C124	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C125	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C126	1-126-934-11	s	ELECT 220uF 20% 16V
C127	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C128	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C129	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C130	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C131	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C132	1-126-934-11	s	ELECT 220uF 20% 16V
C133	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C134	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C135	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C136	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C137	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C138	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C139	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C200	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C201	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C202	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C203	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C205	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C206	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C207	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C208	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C209	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C210	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C211	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V

(SDI-8 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
C212	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C213	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C214	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C215	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C216	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C217	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C218	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C219	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C220	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C221	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C222	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C223	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C224	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C225	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C226	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C227	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C228	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C229	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C230	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C231	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C232	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C233	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C234	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C235	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C236	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C237	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C238	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C239	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C240	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C241	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C242	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C243	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C244	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C247	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C300	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C301	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C302	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C303	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C304	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C305	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C306	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C307	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C308	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C309	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C310	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C311	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C400	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C401	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C402	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C403	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C405	1-163-259-91	s	CERAMIC, CHIP 220pF 5% 50V
C406	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C407	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C408	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C409	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C410	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C411	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C412	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C413	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V

(SDI-8 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
C414	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C415	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C416	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C417	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C418	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C419	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C420	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C421	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C422	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C423	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C424	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C425	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C426	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C427	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C428	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C429	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C430	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C431	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C432	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C433	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C434	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C435	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C436	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C437	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C438	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C439	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C440	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C441	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C442	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C443	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C444	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C446	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C500	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C501	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C502	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C503	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C504	1-126-934-11	s	ELECT 220uF 20% 16V
C505	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C507	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C508	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C509	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C510	1-163-121-00	s	CERAMIC, CHIP 150pF 5% 50V
C511	1-126-934-11	s	ELECT 220uF 20% 16V
C512	1-126-394-11	s	ELECT, CHIP 10uF 20% 16V
C513	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C514	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C515	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C516	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C517	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C518	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C519	1-126-934-11	s	ELECT 220uF 20% 16V
C520	1-126-934-11	s	ELECT 220uF 20% 16V
C521	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C522	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
CN11	1-568-801-11	s	CONNECTOR, FPC (ZIF) 24P
CN100	1-750-880-11	s	RECEPTACLE, COAXIAL CONNECTOR
CN108	1-778-262-12	o	CONNECTOR, BB 148P, MALE
CN500	1-750-880-11	s	RECEPTACLE, COAXIAL CONNECTOR

(SDI-8 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
D100	8-719-404-35	s	DIODE MA141WK
D101	8-719-987-43	s	DIODE CL-150PG-CD
D102	8-719-404-35	s	DIODE MA141WK
D103	8-719-989-22	s	LED CL-150R-CD, RED
D500	8-719-404-35	s	DIODE MA141WK
D501	8-719-989-22	s	LED CL-150R-CD, RED
D502	8-719-404-35	s	DIODE MA141WK
E100	1-535-881-21	o	TERMINAL, TP
E200	1-535-881-21	o	TERMINAL, TP
E300	1-535-881-21	o	TERMINAL, TP
E400	1-535-881-21	o	TERMINAL, TP
E500	1-535-881-21	o	TERMINAL, TP
FB100	1-543-813-21	s	CHOKE, NOISE, CHIP
FB101	1-543-813-21	s	CHOKE, NOISE, CHIP
FB102	1-543-813-21	s	CHOKE, NOISE, CHIP
FB500	1-543-813-21	s	CHOKE, NOISE, CHIP
FB501	1-543-813-21	s	CHOKE, NOISE, CHIP
FB502	1-543-813-21	s	CHOKE, NOISE, CHIP
FB503	1-543-813-21	s	CHOKE, NOISE, CHIP
FL200	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
FL201	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
FL202	1-233-674-21	s	FILTER BLOCK, NOISE, CHIP
IC100	8-741-602-21	s	IC SBX1602A
IC101	8-759-209-57	s	IC TC4S69F
IC102	8-759-436-92	s	IC MC10125P
IC103	8-759-436-92	s	IC MC10125P
IC104	8-759-436-92	s	IC MC10125P
IC106	8-759-186-51	s	IC TC74VHC157FS(EL)
IC107	8-759-510-71	s	IC UPC358G2-E2
IC110	8-759-324-03	s	IC HA17431UA-TL
IC201	8-759-328-28	s	IC ZA4024
IC202	8-759-328-28	s	IC ZA4024
IC203	8-759-328-28	s	IC ZA4024
IC204	8-759-328-28	s	IC ZA4024
IC206	8-759-393-38	s	IC SN74LVC245ANS-E20
IC207	8-759-393-38	s	IC SN74LVC245ANS-E20
IC208	8-759-393-38	s	IC SN74LVC245ANS-E20
IC209	8-759-186-38	s	IC TC74VHC32F(EL)
IC210	8-759-393-38	s	IC SN74LVC245ANS-E20
IC211	8-759-392-77	s	IC SN74LVC245APW-E20
IC212	8-759-392-77	s	IC SN74LVC245APW-E20
IC251	8-759-186-44	s	IC TC74VHC125F
IC300	8-759-483-67	s	IC UPD78011FCW-026
IC301	8-759-927-12	s	IC SN74HCT244ANS
IC302	8-759-186-49	s	IC TC74VHC139F(EL)
IC303	8-759-926-80	s	IC SN74HC573NS
IC304	8-759-233-75	s	IC TC74HCT245AF
IC305	8-759-926-49	s	IC SN74HC245ANS
IC306	8-759-926-77	s	IC SN74HC541ANS
IC307	8-759-081-42	s	IC TC74VHC00F
IC308	8-759-393-38	s	IC SN74LVC245ANS-E20
IC309	8-759-083-94	s	IC TC7W74FU
IC401	8-759-328-28	s	IC ZA4024
IC402	8-759-328-28	s	IC ZA4024
IC403	8-759-328-28	s	IC ZA4024
IC404	8-759-328-28	s	IC ZA4024
IC406	8-759-393-38	s	IC SN74LVC245ANS-E20

(SDI-8 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
IC407	8-759-393-38	s	IC SN74LVC245ANS-E20
IC408	8-759-393-38	s	IC SN74LVC245ANS-E20
IC409	8-759-392-77	s	IC SN74LVC245APW-E20
IC410	8-759-392-77	s	IC SN74LVC245APW-E20
IC500	8-741-601-11	s	IC SBX1601A
IC502	8-759-324-03	s	IC HA17431UA-TL
IC503	8-759-510-71	s	IC UPC358G2-E2
L100	1-412-527-11	s	INDUCTOR 15uH
L101	1-412-533-21	s	INDUCTOR 47uH
L102	1-412-533-21	s	INDUCTOR 47uH
L103	1-410-470-11	s	INDUCTOR 10uH
L200	1-410-470-11	s	INDUCTOR 10uH
L201	1-410-470-11	s	INDUCTOR 10uH
L202	1-410-470-11	s	INDUCTOR 10uH
L203	1-410-470-11	s	INDUCTOR 10uH
L400	1-410-470-11	s	INDUCTOR 10uH
L401	1-410-470-11	s	INDUCTOR 10uH
L402	1-410-470-11	s	INDUCTOR 10uH
L403	1-410-470-11	s	INDUCTOR 10uH
L500	1-414-102-11	s	INDUCTOR 0.22uH
PS100	⚠ 1-532-686-21	s	LINK, IC 2.7A
PS101	⚠ 1-532-984-11	s	LINK, IC 2A
PS102	⚠ 1-532-984-11	s	LINK, IC 2A
Q100	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q101	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q102	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q500	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q501	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q502	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q503	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q504	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q506	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
R100	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W
R101	1-216-635-11	s	METAL, CHIP 220 0.5% 1/10W
R102	1-216-611-11	s	METAL, CHIP 22 0.5% 1/10W
R103	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W
R104	1-216-631-11	s	METAL, CHIP 150 0.5% 1/10W
R105	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R106	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R107	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R108	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R109	1-216-022-00	s	METAL, CHIP 75 5% 1/10W
R110	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R111	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R112	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R113	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R114	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R115	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R116	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R117	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R118	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R119	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R120	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R121	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R122	1-216-059-00	s	METAL, CHIP 2.7k 5% 1/10W
R123	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R124	1-216-033-00	s	METAL, CHIP 220 5% 1/10W

(SDI-8 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
R125	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R126	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R127	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R128	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R129	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R130	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R131	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R132	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R133	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R134	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R135	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R136	1-216-071-00	s	METAL, CHIP 8.2k 5% 1/10W
R137	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R138	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R139	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R140	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R141	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R142	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R143	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R146	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R147	1-216-653-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R149	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R151	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R152	1-216-687-11	s	METAL, CHIP 33k 0.5% 1/10W
R154	1-216-663-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R155	1-216-643-11	s	METAL, CHIP 470 0.5% 1/10W
R156	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
R157	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R158	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R159	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R160	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R161	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R162	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R163	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R164	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R165	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R166	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R167	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R168	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R169	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R170	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R200	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R201	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R202	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R203	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R205	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R206	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R207	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R208	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R209	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R210	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R211	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R212	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R213	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R214	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R215	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R217	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R218	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R219	1-216-295-91	s	METAL, CHIP 0 5% 1/10W

(SDI-8 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
R220	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R221	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R222	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R223	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R224	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R227	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R228	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R229	1-216-009-91	s	METAL, CHIP 22 5% 1/10W
R230	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R231	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R232	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R233	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R234	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R301	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R302	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R303	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R305	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R306	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R307	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R308	1-216-109-00	s	METAL, CHIP 330k 5% 1/10W
R309	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R310	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R311	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R312	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R313	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R314	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R315	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R316	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R317	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R318	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R319	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R320	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R321	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R322	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R326	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R400	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R401	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R402	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R403	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R405	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R406	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R407	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R408	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R409	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R410	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R411	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R412	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R413	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R414	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R415	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R416	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R417	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R418	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R419	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R420	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R421	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R422	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R427	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R428	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W

(SDI-8 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
R429	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R431	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R433	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R436	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R438	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R439	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R440	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R441	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R442	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R443	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R444	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R445	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R446	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R447	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R448	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R449	1-216-805-11	s	METAL, CHIP 47 5% 1/16W
R450	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R451	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R452	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R453	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R454	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R455	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R456	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R457	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R458	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R459	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R460	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R461	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R462	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R463	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R464	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R465	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R500	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W
R501	1-216-625-11	s	METAL, CHIP 82 0.5% 1/10W
R502	1-216-029-00	s	METAL, CHIP 150 5% 1/10W
R503	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R504	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W
R505	1-216-613-11	s	METAL, CHIP 27 0.5% 1/10W
R506	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W
R508	1-216-623-11	s	METAL, CHIP 68 0.5% 1/10W
R509	1-216-613-11	s	METAL, CHIP 27 0.5% 1/10W
R510	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W
R511	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R512	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R513	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R514	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R515	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R516	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R517	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R518	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R519	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R520	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R521	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R522	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R523	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R524	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R525	1-216-033-00	s	METAL, CHIP 220 5% 1/10W
R526	1-216-689-11	s	METAL, CHIP 39k 0.5% 1/10W
R527	1-216-077-00	s	METAL, CHIP 15k 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R528	1-216-689-11	s	METAL, CHIP 39k 0.5% 1/10W
R529	1-216-077-00	s	METAL, CHIP 15k 5% 1/10W
R530	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R531	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R532	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R533	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R534	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R535	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R536	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R537	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R538	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R539	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R542	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R543	1-216-651-11	s	METAL, CHIP 1k 0.5% 1/10W
R545	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R546	1-216-653-11	s	METAL, CHIP 1.2k 0.5% 1/10W
R548	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R549	1-216-685-11	s	METAL, CHIP 27k 0.5% 1/10W
R550	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R560	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R562	1-216-663-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R563	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R564	1-216-627-11	s	METAL, CHIP 100 0.5% 1/10W
RB101	1-239-409-11	s	RESISTOR BLOCK, CHIP 47 x 4
RB102	1-239-409-11	s	RESISTOR BLOCK, CHIP 47 x 4
RB200	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB201	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB210	1-239-711-91	s	RESISTOR BLOCK, CHIP 0 x 4
RB211	1-239-309-11	s	RESISTOR BLOCK, CHIP 100k x 8
RB212	1-239-309-11	s	RESISTOR BLOCK, CHIP 100k x 8
RB213	1-239-309-11	s	RESISTOR BLOCK, CHIP 100k x 8
RB214	1-239-309-11	s	RESISTOR BLOCK, CHIP 100k x 8
RB215	1-239-309-11	s	RESISTOR BLOCK, CHIP 100k x 8
RB216	1-239-309-11	s	RESISTOR BLOCK, CHIP 100k x 8
RB217	1-239-309-11	s	RESISTOR BLOCK, CHIP 100k x 8
RB300	1-239-306-11	s	RESISTOR BLOCK, CHIP 10k x 8
RB301	1-239-306-11	s	RESISTOR BLOCK, CHIP 10k x 8
RB302	1-239-306-11	s	RESISTOR BLOCK, CHIP 10k x 8
RB401	1-239-309-11	s	RESISTOR BLOCK, CHIP 100k x 8
RB402	1-239-309-11	s	RESISTOR BLOCK, CHIP 100k x 8
RB403	1-239-309-11	s	RESISTOR BLOCK, CHIP 100k x 8
RB404	1-239-711-91	s	RESISTOR BLOCK, CHIP 0 x 4
RB405	1-239-309-11	s	RESISTOR BLOCK, CHIP 100k x 8
RB406	1-239-309-11	s	RESISTOR BLOCK, CHIP 100k x 8
RB407	1-239-309-11	s	RESISTOR BLOCK, CHIP 100k x 8
RB408	1-239-309-11	s	RESISTOR BLOCK, CHIP 100k x 8
RB500	1-233-448-11	s	RESISTOR BLOCK, CHIP 22 x 4
RB501	1-233-448-11	s	RESISTOR BLOCK, CHIP 22 x 4
RB502	1-233-448-11	s	RESISTOR BLOCK, CHIP 22 x 4
RV100	1-237-034-11	s	RES, ADJ, METAL 2k
RV500	1-237-034-11	s	RES, ADJ, METAL 2k
S301	1-572-855-11	s	SWITCH, SLIDE
X300	1-579-175-11	s	RESONATOR, CERAMIC 10.00MHz

SE-315 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-662-914-11	o	PRINTED CIRCUIT BOARD, SE-315
CN61	1-566-759-11	o	PIN, CONNECTOR (PC BOARD) 4P
IC1	8-749-012-50	s	IC HEDR-8000
R1	1-216-033-00	s	METAL, CHIP 220 5% 1/10W

SE-361 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-662-915-11	o	PRINTED CIRCUIT BOARD, SE-361
CN61	1-566-759-11	o	PIN, CONNECTOR (PC BOARD) 4P
IC1	8-749-012-50	s	IC HEDR-8000
R1	1-216-033-00	s	METAL, CHIP 220 5% 1/10W

SV-161 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8277-894-A	s	MOUNTED CIRCUIT BOARD, SV-161
1pc	3-179-084-01	s	LEVER (R), PRINTED CIRCUIT BOARD
1pc	3-179-085-01	s	LEVER (L), PRINTED CIRCUIT BOARD
14pcs	7-621-759-65	s	+PSW, 2.6x8
C101	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C102	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C103	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C104	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C105	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C106	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C107	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C108	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C109	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C110	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C111	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C112	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C113	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C120	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C121	1-163-231-11	s	CERAMIC, CHIP 15pF 5% 50V
C122	1-163-231-11	s	CERAMIC, CHIP 15pF 5% 50V
C123	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C124	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C125	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C126	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C127	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C128	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C135	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C136	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C137	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C138	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C139	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C140	1-104-760-11	s	CERAMIC, CHIP 0.047uF 10% 50V
C201	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C202	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C203	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C204	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C205	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C206	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C207	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C208	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C209	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C210	1-104-760-11	s	CERAMIC, CHIP 0.047uF 10% 50V
C211	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C212	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C213	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C214	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C215	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C216	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C217	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C218	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C219	1-130-483-00	s	MYLAR 0.01uF 5% 50V
C220	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C221	1-126-933-11	s	ELECT 100uF 20% 16V
C222	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C223	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C224	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C225	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C226	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C227	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V

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Ref. No. or Q'ty	Part No.	SP	Description
C228	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C229	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C230	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C231	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C232	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C233	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C234	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C235	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C236	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C237	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C238	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C239	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C240	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C241	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C242	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C243	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C244	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C245	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C249	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C250	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C256	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C257	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C258	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C259	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C260	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C263	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C264	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C270	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C271	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C272	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C273	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C274	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C275	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C280	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C281	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C282	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C301	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C304	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C306	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C308	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C310	1-104-760-11	s	CERAMIC, CHIP 0.047uF 10% 50V
C311	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C312	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C314	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C316	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C317	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C318	1-115-340-11	s	CERAMIC 0.22uF 10% 25V
C372	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C375	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C380	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C381	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C382	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C401	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C404	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C406	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C408	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C410	1-104-760-11	s	CERAMIC, CHIP 0.047uF 10% 50V
C411	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C412	1-163-021-91	s	CERAMIC 0.01uF 10% 50V

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Ref. No. or Q'ty	Part No.	SP	Description
C414	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C416	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C417	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C418	1-115-340-11	s	CERAMIC 0.22uF 10% 25V
C472	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C480	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C481	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C482	1-163-017-00	s	CERAMIC, CHIP 0.0047uF 5% 50V
C501	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C502	1-107-906-11	s	ELECT 10uF 20% 50V
C503	1-107-906-11	s	ELECT 10uF 20% 50V
C504	1-107-906-11	s	ELECT 10uF 20% 50V
C505	1-107-906-11	s	ELECT 10uF 20% 50V
C506	1-107-906-11	s	ELECT 10uF 20% 50V
C507	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C508	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C509	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C510	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C511	1-107-907-11	s	ELECT 22uF 20% 25V
C512	1-107-907-11	s	ELECT 22uF 20% 25V
C513	1-107-907-11	s	ELECT 22uF 20% 25V
C514	1-107-907-11	s	ELECT 22uF 20% 25V
C515	1-130-489-00	s	MYLAR 0.033uF 5% 50V
C516	1-130-489-00	s	MYLAR 0.033uF 5% 50V
C517	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C518	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C519	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C520	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C521	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C522	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C523	1-107-907-11	s	ELECT 22uF 20% 25V
C524	1-107-907-11	s	ELECT 22uF 20% 25V
C525	1-107-907-11	s	ELECT 22uF 20% 25V
C526	1-107-907-11	s	ELECT 22uF 20% 25V
C527	1-130-489-00	s	MYLAR 0.033uF 5% 50V
C528	1-130-489-00	s	MYLAR 0.033uF 5% 50V
C529	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C530	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C531	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C532	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C533	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C534	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C535	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C536	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C537	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C538	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C539	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C540	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C541	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C542	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C601	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C602	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C603	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C604	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C605	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C606	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C607	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C608	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C609	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V

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Ref. No. or Q'ty	Part No.	SP	Description
C610	1-104-760-11	s	CERAMIC, CHIP 0.047uF 10% 50V
C611	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C612	1-130-491-00	s	MYLAR 0.047uF 5% 50V
C613	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C614	1-130-489-00	s	MYLAR 0.033uF 5% 50V
C615	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C616	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C617	1-163-243-11	s	CERAMIC, CHIP 47pF 5% 50V
C618	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C619	1-126-933-11	s	ELECT 100uF 20% 16V
C620	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C621	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C622	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C623	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C624	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C625	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C626	1-126-940-11	s	ELECT 330uF 20% 25V
C627	1-126-940-11	s	ELECT 330uF 20% 25V
C628	1-126-940-11	s	ELECT 330uF 20% 25V
C629	1-126-933-11	s	ELECT 100uF 20% 16V
C630	1-126-933-11	s	ELECT 100uF 20% 16V
C631	1-126-933-11	s	ELECT 100uF 20% 16V
C632	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C633	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C634	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C635	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C636	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C637	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C638	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C639	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C640	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C641	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C642	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C643	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C644	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C645	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C646	1-163-038-91	s	CERAMIC, CHIP 0.1uF 25V
C647	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C648	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C649	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
CN118	1-778-262-12	o	CONNECTOR, BB 148P, MALE
CN601	1-506-487-11	o	CONNECTOR, 8P, MALE
D101	8-719-941-86	s	DIODE DAN202U
D102	8-719-941-86	s	DIODE DAN202U
D103	8-719-941-86	s	DIODE DAN202U
D104	8-719-941-09	s	DIODE DAP202U
D105	8-719-941-09	s	DIODE DAP202U
D106	8-719-941-09	s	DIODE DAP202U
D107	8-719-941-86	s	DIODE DAN202U
D108	8-719-941-86	s	DIODE DAN202U
D109	8-719-941-86	s	DIODE DAN202U
D110	8-719-941-09	s	DIODE DAP202U
D111	8-719-941-09	s	DIODE DAP202U
D112	8-719-941-09	s	DIODE DAP202U
D200	8-719-941-86	s	DIODE DAN202U
D201	8-719-941-86	s	DIODE DAN202U
D202	8-719-941-86	s	DIODE DAN202U
D203	8-719-941-86	s	DIODE DAN202U

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Ref. No. or Q'ty	Part No.	SP	Description
D204	8-719-800-76	s	DIODE 1SS226
D300	8-719-941-86	s	DIODE DAN202U
D301	8-719-941-86	s	DIODE DAN202U
D302	8-719-941-86	s	DIODE DAN202U
D303	8-719-941-86	s	DIODE DAN202U
D400	8-719-941-86	s	DIODE DAN202U
D401	8-719-941-86	s	DIODE DAN202U
D402	8-719-941-86	s	DIODE DAN202U
D403	8-719-941-86	s	DIODE DAN202U
D501	8-719-200-02	s	DIODE 10E-2
D502	8-719-200-02	s	DIODE 10E-2
D503	8-719-200-02	s	DIODE 10E-2
D504	8-719-200-02	s	DIODE 10E-2
D505	8-719-200-02	s	DIODE 10E-2
D506	8-719-200-02	s	DIODE 10E-2
D603	8-719-024-81	s	DIODE 1SS300-TE85L
D604	8-719-024-81	s	DIODE 1SS300-TE85L
E601	1-535-881-21	o	TERMINAL, TP
E602	1-535-881-21	o	TERMINAL, TP
E603	1-535-881-21	o	TERMINAL, TP
FL201	1-233-758-11	s	FILTER, BAND-PASS 0.2325MHz
FL202	1-233-760-11	s	FILTER, BAND-PASS 0.93MHz
FL203	1-233-759-11	s	FILTER, BAND-PASS 0.3488MHz
FL204	1-233-761-11	s	FILTER, BAND-PASS 1.395MHz
FL301	1-233-758-11	s	FILTER, BAND-PASS 0.2325MHz
FL303	1-233-759-11	s	FILTER, BAND-PASS 0.3488MHz
FL401	1-233-758-11	s	FILTER, BAND-PASS 0.2325MHz
FL403	1-233-759-11	s	FILTER, BAND-PASS 0.3488MHz
IC101	8-759-600-34	s	IC M54532P
IC102	8-759-368-51	s	IC M54523FP
IC103	8-759-927-12	s	IC SN74HCT244ANS
IC105	8-752-893-02	o	IC CXP87140-078Q
IC106	8-759-186-44	s	IC TC74VHC125F
IC107	8-759-393-39	s	IC SN74LVC245ANS-E05
IC109	8-759-510-71	s	IC UPC358G2-E2
IC201	8-759-553-67	s	IC UPC4574G2-E2
IC202	8-759-111-56	s	IC UPC4572G2
IC203	8-759-238-51	s	IC TC74HC4051AF(EL)
IC204	8-759-112-53	s	IC UPC1663G
IC205	8-759-111-56	s	IC UPC4572G2
IC206	8-759-112-53	s	IC UPC1663G
IC207	8-759-112-53	s	IC UPC1663G
IC208	8-759-011-65	s	IC MC74HC4053F
IC209	8-759-553-67	s	IC UPC4574G2-E2
IC210	8-759-112-66	s	IC UPC812G2
IC211	8-759-510-71	s	IC UPC358G2-E2
IC212	8-752-053-21	s	IC CXA1211M
IC213	8-759-239-25	s	IC TC74HC4066F
IC302	8-759-553-67	s	IC UPC4574G2-E2
IC305	8-759-111-56	s	IC UPC4572G2
IC309	8-759-553-67	s	IC UPC4574G2-E2
IC310	8-752-053-21	s	IC CXA1211M
IC402	8-759-553-67	s	IC UPC4574G2-E2
IC405	8-759-111-56	s	IC UPC4572G2
IC409	8-759-553-67	s	IC UPC4574G2-E2
IC501	8-759-205-56	s	IC TA7267P
IC502	8-759-205-56	s	IC TA7267P
IC503	8-759-205-56	s	IC TA7267P

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Ref. No. or Q'ty	Part No.	SP	Description
IC504	8-759-100-96	s	IC UPC4558G2
IC505	8-759-100-96	s	IC UPC4558G2
IC506	8-759-100-96	s	IC UPC4558G2
IC507	8-759-100-95	s	IC UPC324G2
IC601	8-759-055-82	s	IC M62353GP
IC602	8-759-106-02	s	IC UPC4570G2
IC603	8-759-700-07	s	IC NJM2903M
IC604	8-759-009-11	s	IC MC14070BF
IC605	8-759-106-02	s	IC UPC4570G2
IC606	8-759-980-04	s	IC LM311PS
IC607	8-759-009-07	s	IC MC14053BF
IC608	8-759-100-95	s	IC UPC324G2
IC610	8-759-106-02	s	IC UPC4570G2
IC611	8-759-106-02	s	IC UPC4570G2
IC612	8-759-182-84	s	IC PQ05SZ5U
L202	1-412-533-21	s	INDUCTOR 47uH
L601	1-412-533-21	s	INDUCTOR 47uH
L602	1-412-533-21	s	INDUCTOR 47uH
PS601	⚠ 1-532-675-21	s	LINK, IC 1.5A
PS602	⚠ 1-532-679-00	s	LINK, IC
PS603	⚠ 1-532-679-00	s	LINK, IC
PS604	⚠ 1-532-679-00	s	LINK, IC
PS605	⚠ 1-532-637-00	s	LINK, IC 1.0A
PS606	⚠ 1-532-679-00	s	LINK, IC
Q101	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q102	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q103	8-729-216-22	s	TRANSISTOR 2SA1162
Q104	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q105	8-729-216-22	s	TRANSISTOR 2SA1162
Q106	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q201	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q501	8-729-265-52	s	TRANSISTOR 2SC2655-Y
Q502	8-729-141-83	s	TRANSISTOR 2SB1094-LK
Q503	8-729-265-52	s	TRANSISTOR 2SC2655-Y
Q504	8-729-400-12	s	TRANSISTOR 2SB941-P
Q505	8-729-021-83	s	TRANSISTOR 2SA1020-Y
Q506	8-729-265-52	s	TRANSISTOR 2SC2655-Y
Q507	8-729-021-83	s	TRANSISTOR 2SA1020-Y
Q508	8-729-112-61	s	TRANSISTOR 2SA1441
Q509	8-729-141-18	s	TRANSISTOR 2SC3692
Q510	8-729-102-14	s	TRANSISTOR 2SD1021-F
Q511	8-729-205-02	s	TRANSISTOR 2SA1150-Y
Q512	8-729-112-61	s	TRANSISTOR 2SA1441
Q513	8-729-141-18	s	TRANSISTOR 2SC3692
Q514	8-729-265-52	s	TRANSISTOR 2SC2655-Y
Q515	8-729-021-83	s	TRANSISTOR 2SA1020-Y
Q516	8-729-112-61	s	TRANSISTOR 2SA1441
Q517	8-729-141-18	s	TRANSISTOR 2SC3692
Q518	8-729-102-14	s	TRANSISTOR 2SD1021-F
Q519	8-729-205-02	s	TRANSISTOR 2SA1150-Y
Q520	8-729-112-61	s	TRANSISTOR 2SA1441
Q521	8-729-141-18	s	TRANSISTOR 2SC3692
Q601	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q602	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q604	8-729-265-52	s	TRANSISTOR 2SC2655-Y
Q605	8-729-021-83	s	TRANSISTOR 2SA1020-Y
Q606	8-729-400-12	s	TRANSISTOR 2SB941-P

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Ref. No. or Q'ty	Part No.	SP	Description
R101	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R102	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R103	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R104	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R105	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R106	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R107	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R108	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R109	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R110	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R111	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R112	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R113	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R114	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R115	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R116	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R117	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R118	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R120	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R121	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R122	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R124	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R125	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R126	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R127	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R129	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R130	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R131	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R132	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R133	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R140	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R141	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R142	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R151	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R152	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R155	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R156	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R157	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R158	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R159	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R160	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R161	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R162	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R163	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R164	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R165	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R166	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R167	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R168	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R169	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R170	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R171	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R172	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R177	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R178	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R179	1-216-105-91	s	METAL, CHIP 220k 5% 1/10W
R180	1-216-105-91	s	METAL, CHIP 220k 5% 1/10W
R182	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R183	1-216-295-91	s	METAL, CHIP 0 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R184	1-208-830-11	s	METAL, CHIP 100k 0.5% 1/10W
R185	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R186	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R187	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R188	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R189	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R190	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R191	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R192	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R193	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R201	1-208-758-11	s	METAL, CHIP 100 0.5% 1/10W
R202	1-208-818-11	s	METAL, CHIP 33k 0.5% 1/10W
R204	1-208-758-11	s	METAL, CHIP 100 0.5% 1/10W
R205	1-208-758-11	s	METAL, CHIP 100 0.5% 1/10W
R206	1-208-758-11	s	METAL, CHIP 100 0.5% 1/10W
R207	1-208-758-11	s	METAL, CHIP 100 0.5% 1/10W
R208	1-208-758-11	s	METAL, CHIP 100 0.5% 1/10W
R209	1-208-810-11	s	METAL, CHIP 15k 0.5% 1/10W
R210	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R211	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R212	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R213	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R214	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R215	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R216	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R217	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R218	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R219	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R220	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R221	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R222	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R223	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R224	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R225	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R226	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R227	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R228	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R229	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R230	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R231	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R232	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R233	1-208-776-11	s	METAL, CHIP 560 0.5% 1/10W
R234	1-208-776-11	s	METAL, CHIP 560 0.5% 1/10W
R235	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R236	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R237	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R238	1-208-766-11	s	METAL, CHIP 220 0.5% 1/10W
R239	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R240	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R241	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R242	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R243	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R244	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R245	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R246	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R247	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R248	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R249	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R250	1-208-818-11	s	METAL, CHIP 33k 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R251	1-208-758-11	s	METAL, CHIP 100 0.5% 1/10W
R252	1-208-830-11	s	METAL, CHIP 100k 0.5% 1/10W
R253	1-208-830-11	s	METAL, CHIP 100k 0.5% 1/10W
R254	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R255	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R256	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R259	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R260	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R261	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R301	1-208-838-91	s	METAL, CHIP 220k 0.5% 1/10W
R302	1-208-758-11	s	METAL, CHIP 100 0.5% 1/10W
R303	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R307	1-208-758-11	s	METAL, CHIP 100 0.5% 1/10W
R308	1-208-758-11	s	METAL, CHIP 100 0.5% 1/10W
R309	1-208-794-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R315	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R317	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R319	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R321	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R323	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R325	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R327	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R328	1-208-818-11	s	METAL, CHIP 33k 0.5% 1/10W
R330	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R331	1-208-818-11	s	METAL, CHIP 33k 0.5% 1/10W
R339	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R340	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R341	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R342	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R343	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R344	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R345	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R346	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R347	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R348	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R349	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R350	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R351	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R354	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R355	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R359	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R360	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R361	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R362	1-208-838-91	s	METAL, CHIP 220k 0.5% 1/10W
R363	1-208-838-91	s	METAL, CHIP 220k 0.5% 1/10W
R401	1-208-838-91	s	METAL, CHIP 220k 0.5% 1/10W
R402	1-208-758-11	s	METAL, CHIP 100 0.5% 1/10W
R403	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R407	1-208-758-11	s	METAL, CHIP 100 0.5% 1/10W
R408	1-208-758-11	s	METAL, CHIP 100 0.5% 1/10W
R409	1-208-794-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R415	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R417	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R419	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R421	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R423	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R425	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R427	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R428	1-208-818-11	s	METAL, CHIP 33k 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R430	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R431	1-208-818-11	s	METAL, CHIP 33k 0.5% 1/10W
R439	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R440	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R441	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R442	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R443	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R444	1-208-782-11	s	METAL, CHIP 1k 0.5% 1/10W
R445	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R446	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R447	1-208-814-91	s	METAL, CHIP 22k 0.5% 1/10W
R448	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R449	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R450	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R454	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R455	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R459	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R460	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R461	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R462	1-208-838-91	s	METAL, CHIP 220k 0.5% 1/10W
R463	1-208-838-91	s	METAL, CHIP 220k 0.5% 1/10W
R501	1-216-105-91	s	METAL, CHIP 220k 5% 1/10W
R502	1-215-863-11	s	METAL 100 5% 1W
R503	1-215-867-00	s	METAL 470 5% 1W
R504	1-215-868-00	s	METAL 680 5% 1W
R505	1-216-385-11	s	METAL 0.47 5% 3W
R506	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R507	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R508	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R509	1-215-866-11	s	METAL 330 5% 1W
R510	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R511	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R512	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R513	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R514	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R515	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R516	1-216-383-11	s	METAL 0.33 5% 3W
R517	1-216-383-11	s	METAL 0.33 5% 3W
R518	1-216-383-11	s	METAL 0.33 5% 3W
R519	1-216-365-00	s	METAL 0.47 5% 2W
R520	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R521	1-216-365-00	s	METAL 0.47 5% 2W
R522	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R523	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R524	1-208-822-11	s	CHIP, METAL 47k 0.5% 1/10W
R525	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R526	1-208-822-11	s	CHIP, METAL 47k 0.5% 1/10W
R527	1-208-822-11	s	CHIP, METAL 47k 0.5% 1/10W
R528	1-208-822-11	s	CHIP, METAL 47k 0.5% 1/10W
R529	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R530	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R531	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R532	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R533	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R534	1-215-863-11	s	METAL 100 5% 1W
R535	1-215-889-00	s	METAL 330 5% 2W
R536	1-215-889-00	s	METAL 330 5% 2W
R537	1-215-863-11	s	METAL 100 5% 1W
R538	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R539	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R540	1-216-365-00	s	METAL 0.47 5% 2W
R541	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R542	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R543	1-208-822-11	s	CHIP, METAL 47k 0.5% 1/10W
R544	1-208-822-11	s	CHIP, METAL 47k 0.5% 1/10W
R545	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R546	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R547	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R548	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R549	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R550	1-215-863-11	s	METAL 100 5% 1W
R551	1-215-889-00	s	METAL 330 5% 2W
R552	1-215-889-00	s	METAL 330 5% 2W
R553	1-215-863-11	s	METAL 100 5% 1W
R554	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R555	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R556	1-208-822-11	s	CHIP, METAL 47k 0.5% 1/10W
R557	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R558	1-208-822-11	s	CHIP, METAL 47k 0.5% 1/10W
R559	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R560	1-216-365-00	s	METAL 0.47 5% 2W
R561	1-216-365-00	s	METAL 0.47 5% 2W
R562	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R563	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R564	1-208-822-11	s	CHIP, METAL 47k 0.5% 1/10W
R565	1-208-822-11	s	CHIP, METAL 47k 0.5% 1/10W
R566	1-208-822-11	s	CHIP, METAL 47k 0.5% 1/10W
R567	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R568	1-208-822-11	s	CHIP, METAL 47k 0.5% 1/10W
R569	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R570	1-216-365-00	s	METAL 0.47 5% 2W
R571	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R572	1-208-830-11	s	METAL, CHIP 100k 0.5% 1/10W
R573	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R574	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R575	1-208-830-11	s	METAL, CHIP 100k 0.5% 1/10W
R576	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R577	1-208-830-11	s	METAL, CHIP 100k 0.5% 1/10W
R578	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R579	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R580	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R581	1-208-830-11	s	METAL, CHIP 100k 0.5% 1/10W
R582	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R601	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R602	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R603	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R604	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R605	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R606	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R607	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R608	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R609	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R610	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R611	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R612	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R613	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R614	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R615	1-216-113-00	s	METAL, CHIP 470k 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R616	1-216-113-00	s	METAL, CHIP 470k 5% 1/10W
R617	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R618	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R619	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R620	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R621	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R622	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R623	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R624	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R625	1-216-113-00	s	METAL, CHIP 470k 5% 1/10W
R626	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R627	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R628	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R629	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R630	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R631	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R632	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R633	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R634	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R635	1-216-113-00	s	METAL, CHIP 470k 5% 1/10W
R636	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R637	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R638	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R639	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R640	1-208-822-11	s	CHIP, METAL 47k 0.5% 1/10W
R641	1-208-822-11	s	CHIP, METAL 47k 0.5% 1/10W
R642	1-216-105-91	s	METAL, CHIP 220k 5% 1/10W
R643	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R644	1-208-806-11	s	METAL, CHIP 10k 0.5% 1/10W
R645	1-215-863-11	s	METAL 100 5% 1W
R646	1-215-863-11	s	METAL 100 5% 1W
R647	1-216-365-00	s	METAL 0.47 5% 2W
R648	1-216-365-00	s	METAL 0.47 5% 2W
R649	1-216-603-11	s	METAL, CHIP 10 0.5% 1/10W
R650	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R651	1-208-790-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R652	1-208-822-11	s	CHIP, METAL 47k 0.5% 1/10W
R653	1-208-822-11	s	CHIP, METAL 47k 0.5% 1/10W
R654	1-208-842-11	s	METAL, CHIP 330k 0.5% 1/10W
R655	1-208-842-11	s	METAL, CHIP 330k 0.5% 1/10W
R656	1-208-758-11	s	METAL, CHIP 100 0.5% 1/10W
R657	1-208-794-11	s	METAL, CHIP 3.3k 0.5% 1/10W
RB101	1-233-235-11	s	RESISTOR BLOCK, CHIP 10k x 4
RB102	1-233-235-11	s	RESISTOR BLOCK, CHIP 10k x 4
RB103	1-233-235-11	s	RESISTOR BLOCK, CHIP 10k x 4
RB104	1-239-999-11	s	RESISTOR BLOCK, CHIP 1k x 4
RB105	1-239-999-11	s	RESISTOR BLOCK, CHIP 1k x 4
RB106	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB107	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB108	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB109	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB110	1-239-998-11	s	RESISTOR BLOCK, CHIP 100 x 4
RB111	1-239-303-11	s	RESISTOR BLOCK, CHIP 1k x 8
RB112	1-239-389-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB113	1-239-389-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB114	1-239-389-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB601	1-239-389-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB602	1-236-908-11	s	RESISTOR BLOCK, CHIP 10k x 4

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Ref. No. or Q'ty	Part No.	SP	Description
RB603	1-236-908-11	s	RESISTOR BLOCK, CHIP 10k x 4
RV301	1-237-036-11	s	RES, ADJ, METAL 10k
RV401	1-237-036-11	s	RES, ADJ, METAL 10k
TP101	1-535-881-21	o	TERMINAL, TP
TP102	1-535-881-21	o	TERMINAL, TP
TP103	1-535-881-21	o	TERMINAL, TP
TP106	1-535-881-21	o	TERMINAL, TP
TP107	1-535-881-21	o	TERMINAL, TP
TP108	1-535-881-21	o	TERMINAL, TP
TP109	1-535-881-21	o	TERMINAL, TP
TP110	1-535-881-21	o	TERMINAL, TP
TP111	1-535-881-21	o	TERMINAL, TP
TP200	1-535-881-21	o	TERMINAL, TP
TP201	1-535-881-21	o	TERMINAL, TP
TP202	1-535-881-21	o	TERMINAL, TP
TP301	1-535-881-21	o	TERMINAL, TP
TP302	1-535-881-21	o	TERMINAL, TP
TP303	1-535-881-21	o	TERMINAL, TP
TP304	1-535-881-21	o	TERMINAL, TP
TP401	1-535-881-21	o	TERMINAL, TP
TP402	1-535-881-21	o	TERMINAL, TP
TP403	1-535-881-21	o	TERMINAL, TP
TP404	1-535-881-21	o	TERMINAL, TP
TP601	1-535-881-21	o	TERMINAL, TP
TP602	1-535-881-21	o	TERMINAL, TP
TP604	1-535-881-21	o	TERMINAL, TP
X101	1-577-349-11	s	CRYSTAL 16.00MHz

SY-220 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8277-896-A	s	MOUNTED CIRCUIT BOARD, SY-220
1pc	7-621-759-45	s	+PSW, 2.6x6
1pc	3-179-084-01	s	LEVER (R), PRINTED CIRCUIT BOARD
1pc	3-179-085-01	s	LEVER (L), PRINTED CIRCUIT BOARD
1pc	1-528-749-11	s	BATTERY, LITHIUM
C101	1-124-584-00	s	ELECT 100uF 20% 10V
C102	1-107-689-21	s	TANTALUM, CHIP 1uF 20% 35V
C103	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C104	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C105	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C106	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C107	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C108	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C109	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C110	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C111	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C112	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C113	1-124-589-11	s	ELECT 47uF 20% 16V
C114	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C115	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C116	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C117	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C118	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C119	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C120	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C121	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C122	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C201	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C202	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C203	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C204	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C205	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C206	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C207	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C208	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C209	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C210	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C211	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C212	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C213	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C214	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C215	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C216	1-126-947-11	s	ELECT 47uF 20% 35V
C217	1-126-933-11	s	ELECT 100uF 20% 16V
C218	1-126-947-11	s	ELECT 47uF 20% 35V
C219	1-126-933-11	s	ELECT 100uF 20% 16V
C220	1-126-933-11	s	ELECT 100uF 20% 16V
C221	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C222	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C223	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C224	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C225	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C226	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C301	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C302	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C303	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C304	1-124-589-11	s	ELECT 47uF 20% 16V
C305	1-163-809-11	s	CERAMIC, CHIP 0.047uF 10% 25V
C306	1-107-689-21	s	TANTALUM, CHIP 1uF 20% 35V

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Ref. No. or Q'ty	Part No.	SP	Description
C307	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C308	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C309	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C310	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C311	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C312	1-163-233-11	s	CERAMIC, CHIP 18pF 5% 50V
C313	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C314	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C315	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C316	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C317	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C318	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C319	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C320	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C321	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C322	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C323	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C324	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C325	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C326	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C327	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C328	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C329	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C330	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C401	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C402	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C403	1-163-237-11	s	CERAMIC, CHIP 27pF 5% 50V
C404	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C405	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C406	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C407	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C408	1-164-690-91	s	CERAMIC, CHIP 0.0022uF 5% 50V
C409	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C410	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C411	1-164-690-91	s	CERAMIC, CHIP 0.0022uF 5% 50V
C412	1-164-690-91	s	CERAMIC, CHIP 0.0022uF 5% 50V
C413	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C414	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C415	1-164-690-91	s	CERAMIC, CHIP 0.0022uF 5% 50V
C416	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C417	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C418	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C419	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C420	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C421	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C422	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C423	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C424	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C425	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C426	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C428	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C501	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C502	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C503	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C504	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C505	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C506	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C507	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C508	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V

(SY-220 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
C509	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C510	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C511	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C512	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C601	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C602	1-124-589-11	s	ELECT 47uF 20% 16V
C603	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C604	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C605	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C606	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C607	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C608	1-163-227-11	s	CERAMIC, CHIP 10pF 5% 50V
C609	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C610	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C611	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C612	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C613	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C614	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C615	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C616	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C617	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C618	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C619	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C620	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C621	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C701	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C702	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C703	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C707	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C708	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C709	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C712	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C713	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C714	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C801	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C802	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C803	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C804	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C805	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C806	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C807	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C808	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C809	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C810	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C811	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
CN1	1-778-889-11	o	CONNECTOR, BB 34P, FEMALE
CN2	1-565-879-11	s	PIN, CONNECTOR (PC BOARD) 7P
CN3	1-506-484-11	s	CONNECTOR, 5P, MALE
CN4	1-506-481-11	s	CONNECTOR, 2P, MALE
CN117	1-778-262-12	o	CONNECTOR, BB 148P, MALE
CNI102	1-526-660-21	o	SOCKET, IC 32P
CNI103	1-526-660-21	o	SOCKET, IC 32P
CNI315	1-526-660-21	o	SOCKET, IC 32P
CNI316	1-526-660-21	o	SOCKET, IC 32P
CNI610	1-526-660-21	o	SOCKET, IC 32P
CNI611	1-526-660-21	o	SOCKET, IC 32P
CV101	1-141-444-11	s	CAP, TRIMMER CERAMIC 50pF

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Ref. No. or Q'ty	Part No.	SP	Description
D301	8-719-941-23	s	DIODE DA204U
D302	8-719-941-23	s	DIODE DA204U
D303	8-719-941-23	s	DIODE DA204U
D304	8-719-941-23	s	DIODE DA204U
D305	8-719-941-23	s	DIODE DA204U
D306	8-719-941-23	s	DIODE DA204U
D307	8-719-941-23	s	DIODE DA204U
D308	8-719-941-23	s	DIODE DA204U
D309	8-719-941-23	s	DIODE DA204U
D310	8-719-941-23	s	DIODE DA204U
D311	8-719-941-23	s	DIODE DA204U
D401	8-719-987-43	s	DIODE CL-150PG-CD
D402	8-719-989-22	s	LED CL-150R-CD, RED
D601	8-719-987-43	s	DIODE CL-150PG-CD
E101	1-535-881-21	o	TERMINAL, TP
E301	1-535-881-21	o	TERMINAL, TP
E302	1-535-881-21	o	TERMINAL, TP
E601	1-535-881-21	o	TERMINAL, TP
FL201	1-239-719-31	s	FILTER, NOISE
IC101	8-759-525-99	s	IC HD6437021SC02X
IC102	8-759-573-08	o	IC M27C1001-70F1-85SY102-V1.40
IC103	8-759-573-09	o	IC M27C1001-70F1-85SY103-V1.40
IC104	8-759-186-77	s	IC TC74VHC541F
IC105	8-759-031-84	s	IC SC7S04F
IC106	8-759-074-51	s	IC S-8054HNM-CQ-T1
IC107	8-759-195-02	s	IC TC7S86F-TE85R
IC109	8-759-369-92	s	IC M51958AFP600D
IC110	8-759-192-25	s	IC UPD6453GT-635-E2
IC111	8-759-479-32	s	IC SN75C1168NS-E05
IC112	8-759-186-44	s	IC TC74VHC125F
IC113	8-759-186-47	s	IC TC74VHC138F(EL)
IC114	8-759-186-47	s	IC TC74VHC138F(EL)
IC115	8-759-296-24	s	IC CY7C199-20VC
IC116	8-759-296-24	s	IC CY7C199-20VC
IC201	8-759-186-47	s	IC TC74VHC138F(EL)
IC202	8-759-186-77	s	IC TC74VHC541F
IC203	8-759-186-77	s	IC TC74VHC541F
IC204	8-759-186-63	s	IC TC74VHC245F(EL)
IC205	8-759-186-32	s	IC TC74VHC21F
IC206	8-759-095-41	s	IC CXD8176AQ
IC207	8-759-053-58	s	IC IDT6116SA25S0
IC208	8-759-095-41	s	IC CXD8176AQ
IC209	8-759-053-58	s	IC IDT6116SA25S0
IC210	8-759-926-69	s	IC SN74HC377ANS
IC211	8-759-186-77	s	IC TC74VHC541F
IC301	8-759-348-69	s	IC HD6415108RF10
IC302	8-759-009-05	s	IC MC14051BF
IC303	8-759-510-71	s	IC UPC358G2-E2
IC304	8-759-081-42	s	IC TC74VHC00F
IC305	8-759-186-29	s	IC TC74VHC11F
IC306	8-759-185-69	s	IC TC74VHC27F(EL)
IC307	8-759-186-47	s	IC TC74VHC138F(EL)
IC308	8-759-186-47	s	IC TC74VHC138F(EL)
IC309	8-759-081-44	s	IC TC74VHC04F
IC310	8-759-186-38	s	IC TC74VHC32F(EL)
IC311	8-759-186-32	s	IC TC74VHC21F
IC312	8-759-254-78	s	IC CY7C185-25VC
IC313	8-759-254-78	s	IC CY7C185-25VC

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Ref. No. or Q'ty	Part No.	SP	Description
IC314	8-759-399-65	s	IC M48Z58Y-70MH1TR
IC315	8-759-580-64	o	IC M27C1001-10F1-85SY315-V1.40
IC316	8-759-580-65	o	IC M27C1001-10F1-85SY316-V1.40
IC401	8-752-343-05	s	IC CXD2202Q
IC402	8-759-700-07	s	IC NJM2903M
IC405	8-759-009-07	s	IC MC14053BF
IC406	8-759-100-95	s	IC UPC324G2
IC407	8-759-100-95	s	IC UPC324G2
IC408	8-759-553-67	s	IC UPC4574G2-E2
IC410	8-759-927-12	s	IC SN74HCT244ANS
IC501	8-759-175-56	s	IC CXD8804Q
IC502	8-759-053-58	s	IC IDT6116SA25S0
IC503	8-759-186-77	s	IC TC74VHC541F
IC504	8-759-925-76	s	IC SN74HC08NS
IC505	8-759-175-56	s	IC CXD8804Q
IC506	8-759-053-58	s	IC IDT6116SA25S0
IC507	8-759-186-77	s	IC TC74VHC541F
IC508	8-759-186-44	s	IC TC74VHC125F
IC509	8-759-242-78	s	IC TC7W02F
IC510	8-759-186-44	s	IC TC74VHC125F
IC601	8-759-525-99	s	IC HD6437021SC02X
IC602	8-759-186-77	s	IC TC74VHC541F
IC603	8-759-186-77	s	IC TC74VHC541F
IC604	8-759-186-63	s	IC TC74VHC245F(EL)
IC605	8-759-186-47	s	IC TC74VHC138F(EL)
IC606	8-759-186-47	s	IC TC74VHC138F(EL)
IC607	8-759-186-38	s	IC TC74VHC32F(EL)
IC608	8-759-186-29	s	IC TC74VHC11F
IC609	8-759-081-44	s	IC TC74VHC04F
IC610	8-759-580-66	o	IC M27C1001-70F1-85SY610-V1.42
IC611	8-759-580-67	o	IC M27C1001-70F1-85SY611-V1.42
IC612	8-759-466-16	s	IC IDT7164S20Y-TL
IC613	8-759-466-16	s	IC IDT7164S20Y-TL
IC620	8-759-175-29	s	IC TC74VHC374F
IC701	8-759-175-56	s	IC CXD8804Q
IC702	8-759-254-78	s	IC CY7C185-25VC
IC703	8-759-186-77	s	IC TC74VHC541F
IC704	8-759-927-12	s	IC SN74HCT244ANS
IC709	8-759-175-56	s	IC CXD8804Q
IC710	8-759-254-78	s	IC CY7C185-25VC
IC711	8-759-186-77	s	IC TC74VHC541F
IC801	8-759-175-56	s	IC CXD8804Q
IC802	8-759-254-78	s	IC CY7C185-25VC
IC803	8-759-186-77	s	IC TC74VHC541F
IC804	8-759-927-12	s	IC SN74HCT244ANS
IC805	8-759-175-56	s	IC CXD8804Q
IC806	8-759-254-78	s	IC CY7C185-25VC
IC807	8-759-186-77	s	IC TC74VHC541F
IC808	8-759-095-41	s	IC CXD8176AQ
IC809	8-759-053-58	s	IC IDT6116SA25S0
L101	1-408-779-41	s	INDUCTOR, CHIP 15uH
L201	1-412-533-21	s	INDUCTOR 47uH
L202	1-412-533-21	s	INDUCTOR 47uH
PS201	⚠ 1-532-679-00	s	LINK, IC
PS202	⚠ 1-532-679-00	s	LINK, IC
PS203	⚠ 1-532-679-00	s	LINK, IC
PS204	⚠ 1-532-675-21	s	LINK, IC 1.5A
PS205	⚠ 1-532-679-00	s	LINK, IC

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Ref. No. or Q'ty	Part No.	SP	Description
Q101	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q301	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q401	8-729-209-06	s	TRANSISTOR 2SC4213A-TE85L
Q402	8-729-209-06	s	TRANSISTOR 2SC4213A-TE85L
Q404	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q405	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q406	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q407	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q408	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q409	8-729-119-76	s	TRANSISTOR 2SA1115P
Q601	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q801	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
R101	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R102	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R103	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R104	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R105	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R106	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R107	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R108	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R109	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R110	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R112	1-216-077-00	s	METAL, CHIP 15k 5% 1/10W
R113	1-216-077-00	s	METAL, CHIP 15k 5% 1/10W
R114	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R115	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R116	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R117	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R118	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R119	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R120	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R121	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R122	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R123	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R124	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R125	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R126	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R127	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R128	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R129	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R130	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R131	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R132	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R133	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R134	1-216-077-00	s	METAL, CHIP 15k 5% 1/10W
R135	1-216-077-00	s	METAL, CHIP 15k 5% 1/10W
R136	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R137	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R138	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R140	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R201	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R202	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R203	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R204	1-216-017-91	s	METAL, CHIP 47 5% 1/10W
R301	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R302	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R303	1-216-683-11	s	METAL, CHIP 22k 0.5% 1/10W
R304	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R305	1-216-683-11	s	METAL, CHIP 22k 0.5% 1/10W
R306	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R307	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R308	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R309	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R310	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R311	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R312	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R313	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R314	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R315	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R322	1-216-687-11	s	METAL, CHIP 33k 0.5% 1/10W
R323	1-216-699-11	s	METAL, CHIP 100k 0.5% 1/10W
R324	1-216-699-11	s	METAL, CHIP 100k 0.5% 1/10W
R325	1-218-764-11	s	METAL 330k 0.5% 1/10W
R326	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R327	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R328	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R329	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R330	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R331	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R332	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R333	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R334	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R335	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R337	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R338	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R339	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R340	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R341	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R343	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R344	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R345	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R346	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R347	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R348	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R349	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R350	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R351	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R352	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R357	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R358	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R359	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R360	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R361	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R362	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R363	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R364	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R365	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R367	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R368	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R369	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R370	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R401	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R402	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R403	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R404	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R405	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R407	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W

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Ref. No. or Q'ty	Part No.	SP	Description
R408	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R409	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R410	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R411	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R412	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R413	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R414	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R415	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R416	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R417	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R418	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R419	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R420	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R421	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R422	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R423	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R424	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R425	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R426	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R427	1-216-109-00	s	METAL, CHIP 330k 5% 1/10W
R428	1-216-109-00	s	METAL, CHIP 330k 5% 1/10W
R429	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R430	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R431	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R432	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R433	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R436	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R437	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R438	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R439	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R440	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R441	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R442	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R443	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R444	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R445	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R446	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R447	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R448	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R449	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R450	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R451	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R452	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R453	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R454	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R455	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R456	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R457	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R458	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R459	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R460	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R462	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R464	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R465	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R466	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R467	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R468	1-216-109-00	s	METAL, CHIP 330k 5% 1/10W
R469	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R470	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W

(SY-220 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
R471	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R472	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R473	1-216-079-00	s	METAL, CHIP 18k 5% 1/10W
R474	1-216-103-00	s	METAL, CHIP 180k 5% 1/10W
R475	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R476	1-216-109-00	s	METAL, CHIP 330k 5% 1/10W
R477	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R478	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R479	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R480	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R481	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R482	1-216-061-00	s	METAL, CHIP 3.3k 5% 1/10W
R483	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R484	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R485	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R486	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R487	1-216-109-00	s	METAL, CHIP 330k 5% 1/10W
R488	1-216-085-00	s	METAL, CHIP 33k 5% 1/10W
R489	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R490	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R491	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R492	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R493	1-216-061-00	s	METAL, CHIP 3.3k 5% 1/10W
R494	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R495	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R496	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R497	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R498	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R499	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R501	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R502	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R503	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R504	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R505	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R506	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R507	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R508	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R509	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R510	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R511	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R512	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R532	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R533	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R601	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R602	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R603	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R604	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R605	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R606	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R607	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R608	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R609	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R610	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R611	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R612	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R613	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R614	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R615	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R616	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W

(SY-220 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
R620	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R621	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R622	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R624	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R625	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R626	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R627	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R628	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R629	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R630	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R631	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R632	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R633	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R636	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R639	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R640	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R701	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R702	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R703	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R704	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R705	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R711	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R712	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R713	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R715	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R716	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R728	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R729	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R730	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R731	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R732	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R733	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R801	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R802	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R803	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R804	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R805	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R811	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R812	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R813	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R815	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R816	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R825	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R901	1-216-686-11	s	METAL, CHIP 30k 0.5% 1/10W
R902	1-216-665-11	s	METAL, CHIP 3.9k 0.5% 1/10W
R903	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R904	1-216-699-11	s	METAL, CHIP 100k 0.5% 1/10W
R905	1-216-675-11	s	METAL, CHIP 10k 0.5% 1/10W
R906	1-218-764-11	s	METAL 330k 0.5% 1/10W
R907	1-216-057-00	s	METAL, CHIP 2.2k 5% 1/10W
R908	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R910	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R911	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R912	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R913	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R914	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R915	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
RB101	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7k x 8

(SY-220 BOARD(DSR-85/85P))

Ref. No. or Q'ty	Part No.	SP	Description
RB102	1-239-308-11	s	RESISTOR ARRAY, CHIP 47k
RB103	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7k x 8
RB104	1-239-308-11	s	RESISTOR ARRAY, CHIP 47k
RB201	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7k x 8
RB202	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7k x 8
RB203	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7k x 8
RB204	1-239-308-11	s	RESISTOR ARRAY, CHIP 47k
RB301	1-239-308-11	s	RESISTOR ARRAY, CHIP 47k
RB302	1-239-389-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB303	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7k x 8
RB304	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7k x 8
RB305	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7k x 8
RB501	1-239-308-11	s	RESISTOR ARRAY, CHIP 47k
RB502	1-239-308-11	s	RESISTOR ARRAY, CHIP 47k
RB503	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7k x 8
RB504	1-239-308-11	s	RESISTOR ARRAY, CHIP 47k
RB505	1-239-308-11	s	RESISTOR ARRAY, CHIP 47k
RB506	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7k x 8
RB507	1-239-389-11	s	RESISTOR BLOCK, CHIP 47k x 4
RB601	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7k x 8
RB602	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7k x 8
RB607	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7k x 8
RB608	1-239-308-11	s	RESISTOR ARRAY, CHIP 47k
RB701	1-239-308-11	s	RESISTOR ARRAY, CHIP 47k
RB702	1-239-308-11	s	RESISTOR ARRAY, CHIP 47k
RB703	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7k x 8
RB707	1-239-308-11	s	RESISTOR ARRAY, CHIP 47k
RB708	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7k x 8
RB710	1-236-908-11	s	RESISTOR BLOCK, CHIP 10k x 4
RB801	1-239-308-11	s	RESISTOR ARRAY, CHIP 47k
RB802	1-239-308-11	s	RESISTOR ARRAY, CHIP 47k
RB803	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7k x 8
RB804	1-239-308-11	s	RESISTOR ARRAY, CHIP 47k
RB805	1-239-308-11	s	RESISTOR ARRAY, CHIP 47k
RB806	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7k x 8
RB808	1-239-305-11	s	RESISTOR BLOCK, CHIP 4.7k x 8
S101	1-572-473-11	s	SWITCH, PUSH
S201	1-692-535-11	s	SWITCH, DIP, CHIP 4-CKT
S501	1-692-536-11	s	SWITCH, DIP, CHIP 8-CKT
TP401	1-535-881-21	o	TERMINAL, TP
TP402	1-535-881-21	o	TERMINAL, TP
X101	1-767-559-11	s	CRYSTAL, CHIP 19.6608MHz
X201	1-579-996-21	s	VIBRATOR, CERAMIC 20.0MHz
X301	1-579-996-21	s	VIBRATOR, CERAMIC 20.0MHz
X401	1-579-996-21	s	VIBRATOR, CERAMIC 20.0MHz

TC-90 BOARD(DSBK-130/130P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	4-812-134-11	s	RIVET (DIA. 3.5), NYLON
2pcs	7-621-759-45	s	+PSW, 2.6x6
C100	1-124-584-00	s	ELECT 100uF 20% 10V
C101	1-124-584-00	s	ELECT 100uF 20% 10V
C102	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C103	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C104	1-124-261-00	s	ELECT 10uF 20% 50V
C105	1-124-261-00	s	ELECT 10uF 20% 50V
C106	1-128-499-11	s	ELECT 220uF 20% 16V
C107	1-124-584-00	s	ELECT 100uF 20% 10V
C108	1-163-275-11	s	CERAMIC, CHIP 0.001uF 5% 50V
C109	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C110	1-163-021-91	s	CERAMIC 0.01uF 10% 50V
C111	1-163-251-11	s	CERAMIC, CHIP 100pF 5% 50V
C112	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C113	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C114	1-163-235-11	s	CERAMIC, CHIP 22pF 5% 50V
C115	1-163-133-00	s	CERAMIC, CHIP 470pF 5% 50V
C116	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C117	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C118	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C119	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C120	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C121	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C122	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C123	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
C124	1-163-037-11	s	CERAMIC, CHIP 0.022uF 10% 25V
CN1	1-778-888-11	o	CONNECTOR, BB 34P, MALE
D100	8-719-941-23	s	DIODE DA204U
D101	8-719-941-23	s	DIODE DA204U
D102	8-719-941-23	s	DIODE DA204U
D103	8-719-941-23	s	DIODE DA204U
D104	8-719-941-23	s	DIODE DA204U
D105	8-719-941-23	s	DIODE DA204U
IC100	8-759-031-84	s	IC SC7S04F
IC101	8-759-100-96	s	IC UPC4558G2
IC102	8-759-186-38	s	IC TC74VHC32F(EL)
IC103	8-759-369-73	s	IC NJM4556AM
IC104	8-759-186-77	s	IC TC74VHC541F
IC105	8-759-700-07	s	IC NJM2903M
IC106	8-759-175-77	s	IC CXD8384Q
IC107	8-759-186-57	s	IC TC74VHC175F
Q100	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q101	8-729-028-91	s	TRANSISTOR DTA144EUA-T106
Q102	8-729-422-44	s	TRANSISTOR 2SK663
Q103	8-729-422-44	s	TRANSISTOR 2SK663
R100	1-216-663-11	s	METAL, CHIP 3.3k 0.5% 1/10W
R101	1-216-648-11	s	METAL, CHIP 750 0.5% 1/10W
R102	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R103	1-216-691-11	s	METAL, CHIP 47k 0.5% 1/10W
R104	1-216-691-11	s	METAL, CHIP 47k 0.5% 1/10W
R105	1-216-073-00	s	METAL, CHIP 10k 5% 1/10W
R106	1-216-659-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R107	1-216-659-11	s	METAL, CHIP 2.2k 0.5% 1/10W
R108	1-216-624-11	s	METAL, CHIP 75 0.5% 1/10W
R109	1-216-699-11	s	METAL, CHIP 100k 0.5% 1/10W

(TC-90 BOARD(DSBK-130/130P))

Ref. No. or Q'ty	Part No.	SP	Description
R110	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R111	1-216-071-00	s	METAL, CHIP 8.2k 5% 1/10W
R112	1-216-081-00	s	METAL, CHIP 22k 5% 1/10W
R113	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R114	1-216-061-00	s	METAL, CHIP 3.3k 5% 1/10W
R115	1-216-699-11	s	METAL, CHIP 100k 0.5% 1/10W
R116	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R117	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R118	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R119	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R120	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R121	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R122	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R123	1-216-097-91	s	METAL, CHIP 100k 5% 1/10W
R124	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R125	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R126	1-216-067-00	s	METAL, CHIP 5.6k 5% 1/10W
R127	1-216-065-91	s	METAL, CHIP 4.7k 5% 1/10W
R128	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R129	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R130	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R131	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R132	1-216-025-91	s	METAL, CHIP 100 5% 1/10W
R133	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R134	1-216-121-91	s	METAL, CHIP 1M 5% 1/10W
R135	1-216-037-00	s	METAL, CHIP 330 5% 1/10W
R136	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R137	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R138	1-216-049-91	s	METAL, CHIP 1k 5% 1/10W
R139	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R140	1-216-295-91	s	METAL, CHIP 0 5% 1/10W
R141	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R142	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R143	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R144	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R145	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R146	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
R147	1-216-089-91	s	METAL, CHIP 47k 5% 1/10W
X100	1-579-993-21	s	CRYSTAL 13.5MHz

TR-93 BOARD(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	3-182-257-02	s	HOLDER, DME
CN31	1-566-759-11	o	PIN, CONNECTOR (PC BOARD) 4P
DM230	8-745-001-07	s	DME DM-230-1

FRAME(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-241-577-11	s	RES, VAR, CARBON 20K/20k
2pcs	1-454-337-21	s	SOLENOID
2pcs	1-454-787-12	s	SOLENOID
1pc	⚠ 1-468-150-11	s	REGULATOR, SWITCHING (for J, UC)
1pc	⚠ 1-468-150-21	s	REGULATOR, SWITCHING (for CE)
2pcs	1-500-051-11	s	BEAD, FERRITE (DETOUCHABLE)
1pc	1-507-743-21	s	JACK, MINI STEREO
1pc	1-565-327-11	s	JACK, PHONE STEREO
1pc	1-698-785-21	s	MOTOR, FAN, DC
2pcs	1-698-847-12	s	MOTOR, DC (REEL)
1pc	1-698-881-11	s	MOTOR, DC (CAPSTAN)
1pc	1-750-881-11	s	ADAPTOR, BNC-MINI COAX
1pc	1-762-551-11	s	SWITCH, PUSH
1pc	1-801-573-12	s	SENSOR, CONDENSATION
1pc	1-777-529-31	s	CABLE COAXIAL-MINI 600mm (CN100/DV-16 board to IN/rear panel)
1pc	1-777-529-41	s	CABLE COAXIAL-MINI 600mm (CN500/DV-16 board to OUT/rear panel)
1pc	1-777-531-12	s	WIRE, FLEXIBLE CARD 11P (CN724/FP-75 board to CN714/KY-336 board)
2pcs	1-777-532-11	s	WIRE, FLEXIBLE CARD 36P (CN203/MS-43 board to CN503/MB-640 board) (CN206/MS-43 board to CN506/MB-640 board)
1pc	1-777-533-11	s	WIRE, FLEXIBLE CARD 13P (CN50/CC-75 board to CN505/MB-640 board)
1pc	1-777-534-11	s	WIRE, FLEXIBLE CARD 9P (CN204/MS-43 board to CN11/RM-159 board)
1pc	1-777-535-11	s	WIRE, FLEXIBLE CARD 34P (CN501/MB-640 board to CN102/REC-32 board)
1pc	1-777-536-11	s	WIRE, FLEXIBLE CARD 26P (CN502/MB-640 board to CN103/PRE-32 board)
1pc	1-777-537-11	s	WIRE, FLEXIBLE CARD 36P (CN712/KY-336 board to CN702/MB-640 board)
1pc	1-777-731-11	s	WIRE, FLEXIBLE CARD 9P (CN209/MS-43 board to CN15/RM-160 board)
	HARNESS, SUB (FG) (CN12/RM-159 board to CN41/SE-315 board) (CN16/RM-159 board to CN61/SE-315 board)		
2pcs	1-956-616-11	o	HARNESS, SUB (FG)
	HARNESS, SUB (THREADING) (CN211/MS-43 board to CN21/PTC-88 board)		
1pc	1-956-617-11	o	HARNESS, SUB (THREADING)
	HARNESS, SUB (HP-MB) (CN731/HP-73 board to CN701/MB-640 board)		
1pc	1-956-618-11	o	HARNESS, SUB (HP-MB)
	HARNESS, SUB (1TREG) (CN24/PTC-86 board to CN31/TR-93 board)		
1pc	1-956-620-11	o	HARNESS, SUB (1TREG)
	HARNESS, SUB (AC SW) (CN903 and CN904/MB-640 board to CN4 and CN5/switching regulator)		
1pc	⚠ 1-956-621-11	s	HARNESS, SUB (AC SW)
S1001	⚠ 1-570-117-31	s	SWITCH, ROCKER
	HARNESS, SUB (TH/UNTH) (CN221/MS-43 board to CN220/PTC-84 board)		
1pc	1-956-623-13	o	HARNESS, SUB (TH/UNTH)

FRAME(DSBK-120/120P)

Ref. No. or Q'ty	Part No.	SP	Description
2pcs	1-750-881-11	s	ADAPTOR, BNC-MINI COAX

13-4. PACKING MATERIALS AND SUPPLIED ACCESSORIES

SUPPLIED ACCESSORIES(DSR-85/85P)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	⚠ 1-551-812-11	s	CORD, POWER (for UC)
1pc	⚠ 1-557-161-11	s	CORD, POWER (for J)
1pc	⚠ 1-782-929-11	s	CORD, POWER (BS) 3P (for CE)
1pc	3-704-355-01	o	SHEET (STANDARD), PROTECTION
1pc	3-858-309-04	s	INSTRUCTION MANUAL (Japanese, for J)
1pc	⚠ 3-858-309-14	s	INSTRUCTION MANUAL (English, for UC, CE)
1pc	3-858-309-24	s	INSTRUCTION MANUAL (French, for UC, CE)
1pc	3-858-309-34	s	INSTRUCTION MANUAL (German, for CE)
1pc	3-858-309-44	s	INSTRUCTION MANUAL (Italian, for CE)
1pc	3-858-617-02	s	INSTRUCTION

SUPPLIED ACCESSORIES(DSBK-120/120P)

Ref. No. or Q'ty	Part No.	SP	Description
4pcs	7-621-759-45	s	+PSW, 2.6x6
1pc	1-500-051-11	s	BEAD, FERRITE (DETOUCHABLE)
1pc	1-777-529-51	s	CABLE ASSEMBLY, COAXIAL
1pc	1-777-529-61	s	CABLE ASSEMBLY, COAXIAL
1pc	1-500-051-11	s	BEAD, FERRITE (DETOUCHABLE)
1pc	1-777-529-11	s	CABLE ASSEMBLY, COAXIAL
1pc	1-777-529-21	s	CABLE ASSEMBLY, COAXIAL

SUPPLIED ACCESSORIES(DSBK-130/130P)

Ref. No. or Q'ty	Part No.	SP	Description
2pcs	7-621-759-45	s	+PSW, 2.6x6

13-5. OPTIONAL FIXTURES

OPTIONAL FIXTURES

Part No.	SP	Description
J-6080-029-A	o	SMALL DENTAL MIRROR
J-6082-373-A	o	DV TORQUE CASSETTE
J-6325-400-A	o	TORQUE DRIVER (3kg/cm)
J-6440-850-A	o	TAPE GUIDE ADJUSTMENT DRIVER
J-6441-560-A	o	EXTENSION BOARD, DJ-156
J-6441-570-A	o	EXTENSION BOARD, DJ-157
J-6442-570-A	o	REEL TABLE HEIGHT GAUGE
J-6442-470-A	o	REEL TABLE REFERENCE PLATE
J-6442-170-A	o	BREAK TORQUE GAUGE (CW)
J-6442-460-A	o	BREAK TORQUE GAUGE (CCW)
3-184-527-01	o	CLEANING CLOTH
7-651-000-10	o	GREASE, SGL-601 (NET 50g)
7-661-018-18	o	DIAMOND OIL NT-68
7-700-736-06	o	L SHAPED HEXAGON WRENCH (S=0.89mm)
7-700-751-01	o	NUTDRIVER (S=4.5mm)
8-967-999-02	o	ALIGNMENT TAPE, XH2-1AST
8-967-999-21	o	ALIGNMENT TAPE, XH5-1A (for NTSC)
8-967-999-25	o	ALIGNMENT TAPE, XH5-1AP (for PAL)
9-911-053-00	o	THICKNESS GAUGE
9-919-573-01	o	CLEANING LIQUID